



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

On the results of the work of the external expert evaluation commission
compliance with the requirements of the standards of specialized
accreditation of an
Educational programme

6B10102 Pediatrics

SOUTH KAZAKHSTAN MEDICAL ACADEMY

between 19 and 21 April 2023.

INDEPENDEN AGENCY for ACCREDITATION AND RATING

External Expert Committee

Addressed to the IAAR Accreditation Council



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Shymkent, 2023

(I)LIST OF NOTATIONS AND ABBREVIATIONS

SKMA JSC-South Kazakhstan Medical Academy Joint Stock Company
AIS-automated information system
BD-basic discipline
LIC-library and information centre
BME-Basic Medical Education;
IQC-intrauniversity quality control
HEI-higher education institution
FAC- final attestation commission
MCC-Municipal Cardiology Centre
SOES-state obligatory education standard
UNT-unified national testing
IEP-individual educational plan
EC-elective component
KVN-club of funny and resourceful people
EPC-educational programme committee
CT-comprehensive testing
CTPC-Computer, Test, Publishing Centre
GED-general educative discipline
EP-educational programme
RPAB-regional pathological-anatomical bureau
RPC-1-RegionalPerinatalCentre-1
OR-registrar's office
OSCE-Objective Structured Clinical Examination
OSPE-Objective Structured Practical Examination
PD-profiled disciplines
PHS-primary healthcare services
TS- teaching staff
LO-learning outcomes
WC-working curriculum
P-3-PolyclinicNo.3
RIEL-Republican Interuniversity Electronic Library
MM-mass media
QMS-quality management system
SIW-student's individual work
DSIC-Directorate for Strategic and International Co-operation
MC-model curriculum
EMCD-educational and methodical complex of the discipline
EMC- Educational and Methodological Center
DCRDMS-Directorate of Clinical Research, Doctoral and Master's Studies
AC-Academic Council
PSC- Practical Skills Centre
CBL-case-based learning.
GPA-Grade Point Average
MCQ-Multiple Choice Questions
SGL-small group learning
PBL-problem-based learning
TBL-team-based learning

(II)INTRODUCTION

In accordance with the order №34-23-OD from 20.02.2023 of the Independent Agency for Accreditation and Rating from 19 to 21 April 2023, the external expert commission conducted an assessment of compliance of the educational programme 6B10102 *Pediatrics* of the South Kazakhstan Medical Academy with the standards of specialised accreditation of the IAAR (№68-18/1-OD from 25 May 2018, edition two). The report of the External Expert Commission (EEC) contains the assessment of the submitted educational programmes against the IAAR criteria, recommendations of the EEC on further improvement of educational programmes and parameters of the profile of educational programmes.

Composition of the EEC:

1) Chairperson of the EEC - Tagadyuc Olga Constantinovna, Doctor of Medical Sciences, Nicolae Testemitanu State University of Medicine and Pharmacy (Republic of Moldova). Off-line participation

2) IAAR Expert - Elena Kiseleva, Doctor of Medical Sciences, Professor, Head of the Department of General Practice Dentistry, Medical Institute, Kemerovo State University, Ministry of Education and Science of the Russian Federation, (Russian Federation) Off-line participation

3) IAAR Expert - Natalya Lapova, Candidate of Physical Sciences, Associate Professor, Dean of the Faculty of Pharmacy, Vitebsk State Medical University (Republic of Belarus) On-line participation

4) IAAR Expert - Dina Orynbasarova Karibaeva, Candidate of Medical Sciences, Associate Professor Al-Farabi Kazakh National University (Republic of Kazakhstan) Off-line participation

5) IAAR Expert -Kurmanalina Gulnar Lukpanovna, Candidate of Medical Sciences, Associate Professor, Non-profit joint stock company " Marat Ospanov West Kazakhstan Medical University" (Republic of Kazakhstan). On-line participation

6) IAAR Expert – Zhanar Zhenisovna Nurgalieva, MD, Associate Professor, S.D. Asfendiyarov Kazakh National Medical University (Republic of Kazakhstan). Off-line participation

7) IAAR Expert -Burkitbaeva Saule Salimovna, Candidate of Medical Sciences, Associate Professor, "Astana Medical University" Non-profit joint stock company (Republic of Kazakhstan) Off-line participation

8) IAAR expert, employer – Koysyman Ernar Erkinbekuly, Deputy Chief Physician of "Neurorehabilitation Centre "Luch" LLP (Republic of Kazakhstan) On-line participation

9) IAAR expert, employer -Fedorov Sergey Mikhailovich, Head of Medical Department of North-Kazakhstan region (Republic of Kazakhstan) On-line participation

10) IAAR expert, student – Kuat Sultan, 5th year student of General Medicine at Astana Medical University, Member of Kazakhstan Students' Alliance (Republic of Kazakhstan) On-line participation

11) IAAR Expert, Student – Nailya Khakimovna Gabdrakhmanova, student of Pediatrics, Semey Medical University, Member of Kazakhstan Students' Alliance (Republic of Kazakhstan) On-line Participation

12) IAAR expert, student - Jasmin Alladinovna Gadzhieva, student of "Dentistry" at Astana Medical University, Member of Kazakhstan Students' Alliance (Republic of Kazakhstan) On-line participation

13) IAAR expert, student - Assel Yerdosovna Kakytaeva, resident physician, Clinical Pharmacology, Semey Medical University, Member of Kazakhstan Students' Alliance (Republic of Kazakhstan) On-line participation

14) IAAR Coordinator - Malika Akhyadovna Saidulaeva, Project Manager, Independent Agency for Accreditation and Rating (Republic of Kazakhstan) Off-line Participation

(III) REPRESENTATION OF THE EDUCATIONAL ORGANISATION

«SKMA» JSC- the leading medical higher education institution of the country, providing more than 40 years of educational services in the market of Kazakhstan, provides training of specialists of medical, pharmaceutical and engineering-pharmaceutical direction at the level of secondary technical professional education (medical college), higher (bachelor's, internship), postgraduate education (master's, doctoral, residency); at the level of continuous professional development of the personnel of the health care system (advanced training); at the level of professional development of the personnel of the health care system (professional development and advanced training).

JSC "SKMA" has a licence of the Committee for Control in the Sphere of Education and Science of MES RK №KZ36LAA00011387, from 28 March 2018, without limitation of term, for the right to carry out educational activities on programmes of technical and professional, higher and postgraduate education, according to which the Academy has the right to issue documents on education of state sample; has a certificate of institutional accreditation, issued by NAOKO from 24.12.2018, registration №IA-A №0095, the validity of the certificate - 22 December 2023 (<https://skma.edu.kz/ru/pages/institut>)

The main objective of «SKMA» JSC is to create necessary conditions for higher and postgraduate professional education, development and professional formation of personality on the basis of national and universal values, formation of competitive medical and scientific pedagogical staff of higher qualification for improvement of public health, medical education and science.

The Academy provides education in Kazakh, Russian and English languages at 35 departments at pre-diploma and postgraduate levels of education, on the following educational programmes:

Pre-diploma education: "General Medicine", "Pediatrics", "Dentistry", "Nursing", "Public Health", "Pharmacy" and "Technology of Pharmaceutical Production". Postgraduate professional education in 5 master's degree programmes: "Medicine", "Public Health", "Nursing", "Pharmacy", "Medical and Preventive Medicine", 3 doctoral degree programmes: "Pharmacy", "Medicine", "Public Health", 29 residency programmes.

The quality of education and research at SKMA is ensured by a high level of infrastructure: 4 educational buildings with classrooms equipped with interactive equipment; scientific library with reading room and electronic library room; research laboratories "Medicinal Plants Laboratory" and "South Clinical & Genetic Laboratory"; Practical Skills Centre, 2 hostels; 42 clinical bases.

«SKMA» JSC carries out active international cooperation in the field of medical education, science and practice with medical universities and scientific centres of near and far abroad countries. Partners of JSC SKMA are such universities as: NowySaczGraduate School of Business - National Louis University, Poland (Polish partner university), "Institute of Biomedical Research of the University of Barcelona", Spain; Institute of Neurology, University College of London, Great Britain; University of Medicine and Pharmacy, Romania; Institute of Neurology, University College of London, "St. Petersburg State Paediatric Medical University", Russia, "Tashkent Paediatric Medical Institute", Uzbekistan; and others.

In 2020 South Kazakhstan Medical Academy within the Erasmus+ programme won a grant for the project "AcceLED - Improvement of Nursing at Master's and PHD Doctoral level in the higher education system of Kazakhstan", where the grant applicant is Lithuanian University of Health Sciences (Lithuania) (implementation years: 2020-2023).

Annually more than 100 students take part in international scientific conferences and researches. Thus, on the initiative of "SKMA" JSC, since 2013 South Kazakhstan Medical Academy together with Nazarbayev Foundation annually holds an international scientific conference of young scientists and students "Prospects of development of biology, medicine and pharmacy".

Thus, 8-9 December 2022 in South Kazakhstan Medical Academy jointly with the Science Council under the Nursultan Nazarbayev Foundation and the Tajik State Medical University named after Abuali Ibni Sino held the IX International Scientific Conference of Young Scientists and Students "Prospects of Development of Biology, Medicine and Pharmacy". SKMA JSC actively participates in international meetings, conferences on the development and implementation of international standards of education, global internationalisation of research for successful solution of healthcare problems. 37 scientific and technical projects, which have passed state registration, are carried out by the faculty members of «SKMA» JSC. Scientists of «SKMA» JSC are co-executors and carry out grant scientific and technical programmes.

Passing of qualitative and professional practice of students is carried out on various bases in the Republic of Kazakhstan and abroad.

Youth self-government: student government, student rector, vice-rectors and deans, and youth centre "Bolashak" function on the basis of JSC "SKMA".

The effectiveness of the activities of «SKMA» JSC is confirmed by the reports of the Commission for the evaluation of the activities of «SKMA» JSC and successful completion of specialised accreditation.

The IAAR has passed accreditation of: 7 bachelor's degree educational programmes; 28 residency educational programmes; 5 college educational programmes; 3 doctoral degree educational programmes, 9 master's degree educational programmes.

According to the results of the rating of indicators of scientific and innovative activity in 2017, "SKMA" JSC takes the 2nd overall place among medical universities of the Republic of Kazakhstan, and in 2018 the 3rd place.

In 2019, JSC "SKMA" was marked by high national ranking and took the 4th place in the General Institutional Ranking of medical universities of the Republic of Kazakhstan, in the ranking of educational programmes "Master's degree" 1st place in the educational programmes "Pharmacy" and "Medicine", and 2nd place in the ranking of educational programmes "Bachelor's degree" in the educational programme "Public Health", "Pharmacy" and "Nursing" (IAAR).

According to the results of the National Rating of the demand for higher education institutions of the Republic of Kazakhstan annually conducted by IAAR, in 2020 and 2021. «SKMA» JSC is on the 17th place in the General Rating of higher education institutions of the Republic of Kazakhstan "Top-20".

Graduates of «SKMA» JSC successfully work in all regions of Kazakhstan, as well as in the countries of near and far abroad. The percentage of employment of graduates from year to year remains at a high level (94.7%), which undoubtedly indicates the recognition, demand and competitiveness of our specialists in the labour market.

Graduates of «SKMA» JSC in different years lead the medical service of the country: Vice-Minister of Health of the Republic of Kazakhstan - Burkitbayev J.K.; Head of "Heart Centre" JSC in Shymkent - Suigenbayev D.J.; General Director GalamatIntegra, MD, DBA - S. Sypabekov; Coordinator of UNICEF programmes on health and nutrition - K. Sukhanberdiev; Director of Johnson & Johnson in Kazakhstan branch - A. Nazarbayev and others. Also graduates of «SKMA» JSC occupy leading positions in educational organisations, are heads of city and regional health departments, occupy leading positions in medical and preventive organisations of Shymkent city, Turkestan region and other regions of the Republic of Kazakhstan. Pashimov M.O. - Head of Health Department of Turkestan region, Kapanova K.A. - Deputy Head Doctor for Quality Control of Regional Tuberculosis Dispensary, Serikbayeva S.J. - Head Doctor of LLP Medical Centre "Hirudotherapy", President of the Alliance of Hirudotherapists of Kazakhstan, Doctor-neurologist, Member of Public organisation "Association of Independent Medical Experts of Astana". Narkabulov A.A. - Head physician of the Public Health Department of Turkestan region.

Information about the department

Graduate pediatric department EP "Pediatrics" are the Department of "Pediatrics-1" - Head

of Department PhD Kemelbekov Kanatzhau Sauhanbekovich, Department of "Pediatrics-2" - Head of Department, Candidate of Medical Sciences, Professor Bektenova Gulmira Erseitovna.

The contingent of students on EP "Pediatrics" in the context of forms and languages

The policy of admission of students to the bachelor's degree of "SKMA" JSC corresponds to the Law of RK "On Education", the Order of the Ministry of Education and Science of RK from October 31, 2018 № 600 "On approval of the Model Rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education" (additions and amendments № 189 from 15.12.2022), "Rules of admission to training in the bachelor's degree of "SKMA" JSC. Formation of the contingent of students is carried out by means of budget financing, placement of the state order for personnel training, as well as payment of tuition at the expense of citizens' own funds and other sources. In "SKMA" JSC on the EP "Pediatrics" for the first time opened enrollment in the 2018-2019 academic year.

Transfer rules are a component of the Academic Policy of "SKMA" JSC and correspond to the Order of the MES RK from October 30, 2018 № 595 (amendments and additions from 18.11.2022 № 145) "On approval of the Model Rules of activity of organizations of higher and (or) postgraduate education".

During the reporting period (5 years of training) on the specialty "Pediatrics" were enrolled students with training in Kazakh and Russian departments, and there were no foreign students with training in English. The contingent of students on the EP "Pediatrics" in the context of forms and languages is presented in Table 1.

Table 1. The contingent of students on EP "Pediatrics"

Course	Total			Grant			Grant /MPR			Contract		
	Total number	Kaz. branch	Rus. branch	Total number	Kaz. branch	Rus. branch	Total number	Kaz. branch	Rus. branch	Total number	Kaz. branch	Rus. branch
1 Course	28	20	8	22	17	5	-	-	-	6	3	3
2 Course	42	32	10	37	28	9	-	-	-	5	4	1
3 Course	9	4	5	-	-	-	-	-	-	9	4	5
4 Course	36	36	-	-	-	-	31	31	-	5	5	-
5 Course	11	9	2	8	7	1	-	-	-	3	2	1
Total	126	101	25	67	52	15	31	31	-	28	18	10

Qualitative and quantitative composition of teachers on EP "Pediatrics".

During the reporting period, the quantitative and qualitative indicators of the teaching staff of the EP "Pediatrics" are as follows:

the total number of full-time teachers increased from 115 people (in 2018-19 academic year) to 255 people (in 2022-23 academic year), the number of doctors of science - from 1 person to 11 people (4.3%), candidates of science - from 41 people to 83 people (32.5%), doctors of philosophy (PhD) - from 5 people to 10 people (3.9%), masters - from 57 people to 92 people, specialists with the highest qualification category of doctor - from 7 people to 53 people, with I category - from 6 people to 9 people, at present the number of professors - 10 people (3,9%), associate professors - 20 people (7,8%), associate professors - 2 people (0,7%), staffing is 40,7%.

In addition, specialists with medical and pedagogical education from other higher education institutions and medical organizations with academic degree, academic title and medical category are involved in the educational process in order to integrate practical skills and work experience into the educational and scientific activities of higher education institutions, namely:

during the reporting period, the total number of attracted part-time teachers increased from

24 persons (in 2018-19 academic year) to 150 persons (in 2022-23 academic year), of which 1 person - Doctor of Sciences, 8 persons - Candidates of Sciences; specialists with the highest qualification category of doctor - 35 persons, with I category - 7 persons were attracted; the balance between full-time teachers and part-time teachers is - 37%.

For realization of EP "Pediatrics" the indicators of human resources are 255 staff units, including doctors of sciences-11, candidates of sciences-83, PhD-10, masters-92. All teachers have basic medical education (hereinafter - BME), have practical work experience in the disciplines taught (Table 2). The average age of the teaching staff of the Pediatrics program is 54.5 years.

Table 2. Teaching staff of the departments of the Pediatrics program

Disciplines	Full-time				part-time
	Prof.	Assistant/Associate Professor	Assistant/Assistant Professor	Vacant positions	
Basic biomedical disciplines	17	17	61	0	19
Clinical disciplines	11	28	71	0	113

Employment of graduates of the accredited "Pediatrics"

At "SKMA" JSC on EP "Pediatrics" for the first time opened enrollment in the 2018-2019 academic year. In this 2022-2023 academic year, the first revenue of undergraduate students in the EP specialty "Pediatrics" is planned.

Academic mobility on the accredited EP "Pediatrics"

Academic mobility of students and faculty of "SKMA" JSC is carried out within the framework of inter-university memorandums of cooperation.

The number of faculty members participating in academic mobility amounted to 6%.

Outbound mobility in the universities of the near abroad in:

1. Bukhara GMI named after Abu Ali ibni Sino: Associate Professor of the Department of Pediatrics and Pediatric Surgery Zhumabekov J.K. from 22.04.2019 to 26.04.2019 (lecturing on pediatrics);

2. Samarkand State Medical University: Esirkepov M.M. - Head of the Department of Biology and Biochemistry, Ordabekova A.B. - Senior Lecturer of the Department, practical classes on the discipline of carbohydrate metabolism for students of the 2nd year of dental and pediatric faculties of Samarkand State Medical University from 17.11-19.11.2022,

3. Samarkand State Medical University: Ibragimova A.G. - Associate Professor of the Department of Pharmacology, Pharmacotherapy and Clinical Pharmacology, lecturing and conducting practical classes on the discipline of Pharmacology to 3rd year students of medical and pediatric faculties of Samarkand State Medical University from 17.11-01.12.2022.

In-country RK in:

1. The Kazakh National Medical University named after S. S. Gorky. C. D. Asfendiyarov: Seitkhanova B.T., Head of the Department of Microbiology from 10.02-22.02.2020 (practical classes and lectures on microbiology for students of specialties "General Medicine", "Pediatrics", "Pharmacy", "Dentistry");

2. Baikonsova L.O.-s.lecturer of the Department of Hygiene and Epidemiology (practical classes on the discipline of Nutriciology for students of the 4th year of specialty Pediatrics KazNMU from 04.04-08.04.2022);

3. Medical University of Astana: Bektenova G.E.- head of department Pediatrics-2, Uanov A.M., assistant of department (reading lectures and conducting practical classes for residents of MUA on discipline Clinical and laboratory diagnostics in oncology and hematology for children from 11.05 - 24.05.2022);

4. Medical University of Astana: Bektenova G.E. - Head of the Department of Pediatrics-2, Zhumabekov J.K., Candidate of Medical Sciences, Associate Professor of the Department of

Pediatrics-2 (lecturing and conducting practical classes for residents of the 2nd course of EP Cardiology at the Department of Pediatrics of IKTU on the disciplines Children's Diseases (inpatient), Emergency Medical Care, General Cardiology, pediatric from 03.04-14.04.2023) and others.

Medical University of Astana: Bektenova G.E. - Candidate of Medical Sciences, Professor of the Department of Pediatrics-2 "SKMA" JSC, from 15.02.-26.02.2021, conducted practical training, SIWT and SIW at the Department of "Children's diseases with a course of allergology, immunology, hematology and endocrinology" for residents-pediatricians 1 year of training P1/213 on the subject "Children's diseases (inpatient)-1".

Within the framework of incoming academic mobility of students the students were trained:

1) from KazNMU named after S.D.Asfendiyarov during 16.11-24.12.2021 studied online 9 students of the 4th year, OP "Pediatrics";

2) from Samarkand State Medical Institute 4 students of the 2nd year EP (Pediatrics - 2 persons, General Medicine - 2 persons) from 22.11 - 27.11.2021 were trained offline.

3) from KazNMU named after S.D.Asfendiyarov 8 students of the 4th year of EP Pediatrics from 28.11-15.12.2022 on the discipline Basics of pediatric diseases-1

4) from KazNMU named after S.D.Asfendiyarov studied 1 student of the 4th course of Pediatrics during the academic year

5) from KazNMU named after S.D.Asfendiyarov studied 1 student of the 3rd year of Pediatrics during the academic year.

Within the framework of internal outgoing academic mobility students were trained:

1) in KazNMU named after S.D.Asfendiyarov during 18.11-06.12.2021 studied online 9 students of the 4th year, EP "Pediatrics";

2) in KazNMU named after S.D.Asfendiyarov 12 students of the 4th course of Pediatrics OP were trained online from 28.11-15.12.2022 on the discipline Basics of pediatric diseases-1

3) in KazNMU named after S.D.Asfendiyarov studied 1 student of the 4th course of Pediatrics during the academic year 2021-2022.

Research projects (general information about research projects for 3 years (names, years and their budget) on accredited EP "Pediatrics"

Scientists of "SKMA" JSC are executors of the following scientific and technical programs (STP) that have passed state registration in "National Center for State Scientific and Technical Expertise" JSC (Table 3).

Table 3: Research projects

№	Project name	Implementation timeframe	Budget	Funding
1.	Scientific substantiation of application of simulation training with the help of high-tech computerized simulators in the training of health professionals at the stages of postgraduate and additional education Scientific director of the project: Rysbekov M.M., Doctor of Medical Sciences, Professor. Registration number: №0118RKD0246	2018-2024	353 314 118 tg.	"South Oil" Company
2.	Improvement of simulation technologies in practical training of students of medical universities Scientific supervisor of the project: Rysbekov M.M., Doctor of Medical Sciences, Professor. Registration number: №0118RKD0247	2018-2024	311 602 882 tg.	"South Oil" Company
3.	Development of scientific publishing ethics through the creation of an interdisciplinary peer-reviewed journal (Central Asian Journal of Medical Hypothesis and Ethics) Scientific director of the project: Esirkepov M.M., Candidate of Medical Sciences, Professor. Registration number: №0118RKD0248	2018-2024	316 300 000 tg.	"South Oil" Company

4.	"Improvement of diagnostics, treatment and prevention of CCHF in the southern regions of Kazakhstan by assessing the real epidemiological situation and development of specific immunoglobulin" Scientific supervisor of the project: Abuova G.N., Candidate of Medical Sciences, Professor. Registration number: №0118RKD0249	2018-2024	425 940 000 tg.	"South Oil" Company
5.	Development of methodological approaches for cultivation of pancreatic islet cells (experimental study) Scientific supervisor of the project: Rysbekov M.M., Doctor of Medical Sciences, Professor. Registration number: №0118RKD0289	2018-2024	670 000 000 tg.	"South Oil" Company
6.	Identification of cellular and molecular-genetic features of the regeneration process Scientific supervisor of the project: Nurmashv B.K., Candidate of Medical Sciences, Professor. Registration number: №0118RKD0287	2018-2024	498 000 000 tg.	"South Oil" Company
7.	Improvement of brain death diagnosis in intensive care, neurosurgical and neurological departments of multidisciplinary hospitals and development of transplantation coordination service in South Kazakhstan Scientific Project Manager: Zharkinbekova N.A., Candidate of Medical Sciences, Professor. Registration number: №0118RKD0288	2018-2024	527 500 000 tg.	"South Oil" Company
8.	Cytogenetic studies of hereditary diseases Scientific supervisor of the project: Burabaev A.A., Candidate of Biological Sciences Registration number: №0118RKD0290	2018-2024	490 000 000 tg.	"South Oil" Company
9.	Development of effective and safe medicines based on domestic plant raw materials. Scientific supervisor of the project: S.K. Ordabaeva, Doctor of Philosophy, Professor. Registration number: №0118RKD0250	2018-2024		"South Oil" Company
10.	National program of introduction of personalized and preventive medicine in the Republic of Kazakhstan Order #180, from 17.02.2022. Scientific supervisor of the project: Kauzybay J.A.	2020-2022	7 959 898 tg.	Program-targeted financing of the MH RK
11.	Issues of unconditional basis of the system of root functions of the Sturm-Liouville operator with linear occurrence of the spectral parameter in the boundary conditions Registration number: № 0121RK00078. Co-executor with "SKMA" JSC Ivanova M.B.	2021-2023	23 000 000 tg.	Grant MSHE RK, Republican state enterprise on the right of economic management "Institute of Mathematics and Mathematical Modeling"
12.	Development of therapeutic and prophylactic product based on Morus Alba L. and development of conceptual project of its production Jointly with S.D.Asfendiyarov KazNMU. The project was launched on 05.01.2022 and will last until 31.12.2023.	2021-2023	4 123 780 tg.	KazNMU named after S.D. Asfendiyarov
13.	International multicenter prospective study of the features of pneumococcal infection	2020-2024	According to the act of performed work	Rostropovich-Vishnevskaya Charitable Foundation "For the sake of children's health and future"
14.	Innovative methods of diagnostics of mental retardation/mental retardation in children	2022-2023	1 000 000 tg.	«SKMA» JSC

	Scientific Project Manager: Burabaev A.A. Registration number: №0122RKI0241 (2022-2023).			
15.	Development of the method of preparation of iodized product Scientific supervisor of the project: Erzhanov N.A. Registration number: №0122RKI0238	2022-2023	1 000 000 tg.	«SKMA» JSC
16.	Development of innovative methods of teaching scientific thinking Scientific supervisor of the project: Azhibaeva-Kupenova D.T. Registration number: № 0122RKI0243	2022-2023	1 000 000 tg.	«SKMA» JSC
17.	Development and study of biologically active additives from medicinal plants of Turkestan region. Scientific supervisor of the project: Kylyshbaev J.K. Registration number: №0122RKI0240	2022-2023		«SKMA» JSC
18.	Innovative methods of rehabilitation in rheumatology Scientific project leader: Esirkepov M.M. Registration number: № 0122RKI0239	2022-2023	1 000 000 tg.	«SKMA» JSC
19.	Innovative methods in cosmetology and plastic medicine Scientific supervisor of the project: Duisenova A.M. Registration number: № 0122RKI0242	2022-2023	1 000 000 tg.	«SKMA» JSC
20.	Improvement and development of innovative, minimally invasive technologies in the treatment of surgical, oncologic and traumatologic patients using interventional radiology, endovascular oncology and endovideosurgical interventions	2023-2025	900 000 tg.	«SKMA» JSC
21.	Study of the risk of diabetes mellitus in patients with different levels of cardiovascular risk	2023-2025	900 000 tg.	«SKMA» JSC
22.	Improvement of anti-tuberculosis activities aimed at increasing the effectiveness of tuberculosis treatment, including drug-resistant tuberculosis.	2023-2025	900 000 tg.	«SKMA» JSC
23.	Improvement of modern somatic and surgical minimally invasive methods of treatment for CHD in children	2023-2025	900 000 tg.	«SKMA» JSC
24.	Microbiologic studies of microflora in patients with infectious and non-infectious diseases	2023-2025	900 000 tg.	«SKMA» JSC
25.	New and returning natural focal diseases of southern Kazakhstan: prevalence, assessment, optimization of diagnostic and preventive measures	2023-2025	900 000 tg.	«SKMA» JSC
26.	Development of dietary therapy principles in nutrition planning for type 1 diabetes mellitus in children Scientific supervisor of the project: Bekenov N.	2023-2025	900 000 tg.	«SKMA» JSC
27.	HEAL program for 2022-2026: "Healthy HEI, Healthy City, Healthy Region".	2023-2025	900 000 tg.	«SKMA» JSC
28.	Features of changes in the level of regulatory autoantibodies in obstetric hemorrhage depending on the parity of labor	2023-2025	900 000 tg.	«SKMA» JSC
29.	Clinical-epidemiologic, molecular-genetic and neurophysiologic aspects of neurodegenerative diseases of the Southern region of Kazakhstan.	2023-2025	900 000 tg.	«SKMA» JSC
30.	State language: current state, innovations in teaching at non-language universities, its role in intercultural communication	2023-2025	900 000 tg.	«SKMA» JSC
31.	The main problems of the history of Kazakhstan and patriotic education of youth in the context of K.J.Tokayev's message "New Kazakhstan: the path of renewal and modernization" and the program "Look into the future: modernization of	2023-2025	900 000 tg.	«SKMA» JSC

	public consciousness"			
32.	Statistical analysis of data and interpretation of health research results	2023-2025	900 000 tg.	«SKMA» JSC
33.	Impact of the educational process on the health of higher education students	2023-2025	900 000 tg.	«SKMA» JSC
34.	Improving the use of phytotherapy in the conditions of health improvement and rehabilitation treatment	2023-2025	900 000 tg.	«SKMA» JSC
35.	Assessment of the health status of the population of the Southern region of Kazakhstan	2023-2025	900 000 tg.	«SKMA» JSC

Commercialization of the accredited EP "Pediatrics"

Commercialization of RW technology on accredited EP on specialty 6B10102 Pediatrics is not noted.

The data on commercialization of scientific research of "SKMA" JSC are presented (Table 4)

Table 4. Information on commercialization of scientific research

№	Name of research technology	Total amount of commercialization, tenge	Buyer of commercialized technology	Contract details
1	Universal device for wound treatment - Esirkeпов apparatus	200 000 тг.	"АЛИНУР" и К LLP	Contract No39 of 10.02.2021
2	IC program "Dynamic monitoring of epidemiological surveillance of persons with tick bite according to the incubation period of possible CCHF"	100 000 тг.	Municipal Polyclinic No. 2	Contract No125 of 31.08.2022
3	IC program "Dynamic monitoring of epidemiological surveillance of contact persons with CCHF patient according to the period of incubation period"	100 000 тг.	Municipal Polyclinic No. 10	Contract No59 of 14.11.2022
4	Technological regulations for the production of antiseptic hand sanitizer with vitamin E	200 000 тг.	"АЛИНУР" и К LLP	No27 of 02.11. 2020.
5	Technological regulations for the production of antiseptic hand sanitizer with vitamin E	200 000 тг.	"Группа БК" LLP	No30 of 05.11.2020.
6	Technological regulations for the production of antiseptic hand sanitizer with vitamin D	200 000 тг.	International Center for Science and Education LLP	No33 of 04.12.2020.

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

The international specialized accreditation of EP 6B10102 Pediatrics (5B130300 Pediatrics) according to IAAR standards is conducted for the first time.

DESCRIPTION VISIT OF THE EEC

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission for specialized accreditation of educational programs to SKMA in the period from 19 to 21 April 2023.

In order to coordinate the work of the EEC, an introductory meeting was held on 18.04.2023, during which the powers were distributed among the members of the Commission, the schedule of the visit was specified, and agreement was reached on the choice of methods of expertise.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, meetings with

the rector, vice-rectors of the university in the areas of activity, heads of structural units, deans of faculties, heads of departments, teachers, students, graduates, employers were held, interviewing and surveying of teachers and students. A total of 119 representatives took part in the meetings (Table 5).

Table 5. Information on staff and trainees who participated in meetings with EEC of Independent Accreditation and Rating Agency :

Category of participants	Number
Rector	1
Vice Rectors and Rector's Chief of Staff	3
Heads of structural subdivisions	19
Deans of Faculties	6
Heads of departments	38
Teachers	4
Students	5
Graduates	17
Employers	26
Total	119

During the excursion, the EEC members got acquainted with the Laboratory of Medicinal Plants, Computer-Test Publishing Center, Museum of SKMA, Anatomical Museum, Laboratory of Genomic Research, Library and Information Center, Dining Hall, Assembly Hall, Layout of the University Clinic, Dental Clinic, Practical Skills Center, Dormitory.

At the meeting EEC of IARA with the target groups of SKMA, the mechanisms of implementation of the HEI policy were clarified and certain data presented in the HEI self-assessment report were concretized.

For the period of accreditation were visited classes: Bachelor's degree program "Pediatrics" group B-PK-01-20 on the discipline "Pathological anatomy of organs and systems", the time of visit 11.00-12.50, SIWT (teacher Abildina K.B.). The group is ready for the class, 4 students were present. The class was held in accordance with the CTP syllabus, timing of the class. Availability of electronic and paper log was available.

During the work members of the EEC were visited the following bases of practice: SCE on REM "City Children's Clinical Hospital" HM of Shymkent, SCE on REM "City Infectious Diseases Hospital" HM Shymkent. In accordance with the accreditation procedure was conducted an on-line survey of 159 teachers, 94 students, including junior and senior students.

According to the results of the survey of teachers, in which 159 people took part, the length of service in this university more than 5 years was 47.4%; it was also revealed that 51.6% of respondents noted that they are satisfied with the content of the educational program, 43.4% of faculty members are satisfied with the opportunities for continuous capacity development, 50.9% of faculty members - the opportunity to actively apply their own teaching methods in the educational process, 52.2% of faculty members noted the positive attention of the management of the educational institution to the content of the educational program, 52.2% of faculty members - "very good" availability of the educational program. All respondents noted satisfactory involvement in the process of management and strategic decision-making, as well as encouragement of innovative activities of the teaching staff, a good level of feedback from the teaching staff to the management, stimulation and involvement of young specialists in the educational process, adequate recognition of the potential and abilities of teachers, the process of academic mobility, professional development work of the teaching staff, support of the HEI and its management of the research endeavors of the teaching staff, opportunities for the teaching staff to combine teaching and research activities of the teaching staff, the ability of the teaching staff to work in the educational process.

On-line survey of 94 undergraduate students were conducted. According to the results of the survey 80.9% are satisfied with the availability and responsiveness of the university administration, 81.9% of respondents are fully satisfied with the relationship with the dean's office, only 79.8% of respondents are satisfied with the availability of academic counseling, availability of counseling for personal problems (80.9%), support with educational materials in the learning process (79.8%), financial and administrative services of the educational institution (74.5%), accessibility of health care services for students (76.6%), quality of student health care services (76.6%), accessibility of library resources (79.8%), quality of services provided in libraries and reading rooms (81.9%), satisfaction with existing educational resources of the university (76.6%), availability of computer classes and internet resources (85.1%), usefulness of the website of educational organizations in general and faculties in particular (87.2%), classrooms, classrooms for large groups (79.8%), size of classrooms for small groups (78.7%), clarity of procedure for disciplinary actions (79.8%), general quality of curricula (78.9%), teaching methods in general (78.7%), responsiveness to feedback from faculty regarding the teaching process (80.9%), quality of teaching (83.0%), academic load/student requirements (73.4%), fairness of exams and grading (86.2%), timeliness of student evaluations (78.7%), level of enforcement of these rules and policies of the educational program (major) (85.1%), communication of the requirements to successfully graduate from this major (84.0%), tests and exams administered (80.9%), computer labs available (80.9%), science labs available (79.8%), student/teacher attitude (85.1%), objectivity and fairness of lecturers (84.0%), informing students about courses, educational programs, and academic degrees (83.0%), providing students with dormitory accommodation (81.9%). Respondents fully agreed that the course program was clearly presented in 77.7% of cases, the course content is well structured (76.6%), key terms are sufficiently explained (75.5%), the instructor uses effective teaching methods (74.5%), the instructor is proficient in the material taught (73.4%), the instructor's presentation is clear (74.5%), the instructor presents the material in an interesting way (70.2%), and the instructor satisfies with requirements for personal development and professional formation (76.6%), the instructor stimulates students' activity (77.7%), the instructor stimulates students' creative thinking (75.5%), the instructor's appearance and manners are adequate (75.5%), the instructor has a positive attitude towards students (79.8%), continuous assessment (seminars, tests, questionnaires, etc.) reflects the content of the course (77.7%), evaluation criteria used by the instructor are clear (75.5%), facilities and equipment for students are safe, comfortable and modern (73.4%), reflects the course content (77.7%), evaluation criteria used by the instructor are clear (75.5%), facilities and equipment for students are safe, comfortable and modern (73.4%), the library is well equipped and has a good enough collection of books (75.5%), equal opportunities are provided for all students (75.5%).

In order to confirm the information presented in the Self-Assessment Report, external experts requested and analyzed the working documentation of the university. At the same time, the experts studied the internet positioning of the university through the official website of the university <https://skma.edu.kz/>.

As part of the planned program, the recommendations for the improvement of the accredited educational programs of SKMA, developed by EEC based on the results of the examination, were presented at the meeting with the management on 21.04.2023.

(V) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

5.1. Mission and Outcomes Standard

Evidentiary part

The educational program on specialty 6B10102 "Pediatrics" is implemented in JSC "SKMA" in accordance with the requirements of the State Obligatory Standard of Education EP (hereinafter - SMSE), SQF RK on the corresponding direction of training (specialty).

EP "Pediatrics" is guided by the mission of JSC "SKMA". The mission of JSC "SKMA" is to be a recognized leader in the training of competitive personnel (<https://skma.edu.kz/ru/pages/missiya-videnie-cennosti-i-eticheskie-principy>).

The mission of the EP "Pediatrics" at the pre-diploma level is to train highly qualified, competitive competent personnel in accordance with the modern requirements of the education, science and health care systems <http://surl.li/giqcz>. The mission of the EP corresponds to the opportunities for training pediatricians at the level of bachelor's degree and internship. The mission of the EP "Pediatrics" is posted on the website of JSC "SKMA" in the section of the educational process (in the subsection of educational programs), on the stand at the Regional Children's Hospital (hereinafter - RCH) and at the chairs of Pediatrics-1-2 of JSC "SKMA".

When forming the EP on specialty "Pediatrics", its mission, goals, final results were discussed at the level of: structural units of the Academy (EMC, department of internship and employment of graduates, OR, departments, dean's office), student audience, department staff (minutes of the department meeting № 5 from 29.12.2022g.), EPC, with representatives of practical health care (<http://surl.li/gijac>), employers with representatives of the Department and Health Department of the Southern region of Kazakhstan (Turkestan region, Zhambyl and Kyzylorda regions), representatives of other regions of the country (East-Kazakhstan, Akmola, etc.) (<http://surl.li/giqhx>), proposals on the mission statement of the EP were considered at the Methodical Council (hereinafter - MC), Faculty Council, Academic Council (hereinafter - AC) of JSC "SKMA", employers were included in the collegial management bodies of the HEI. The educational program on specialty is developed, implemented and controlled with the participation of all stakeholders.

JSC "SKMA" ensures compliance with the interests of stakeholders through regular annual meetings with stakeholders (trainees, faculty, employers and other stakeholders), whose representatives are members of the Pediatrics EPC. JSC "SKMA" regularly conducts systematic monitoring, performance evaluation, revision of the policy in the field of quality assurance of EP.

The educational strategy consists in student-centered learning, implementation of the program, the content of which meets the requirements of modern health care, providing the OP with sufficient educational, personnel, material, information resources for the implementation of the EP, meeting the requirements of the market. For the implementation of the EP on specialty Pediatrics, the Academy has a material and technical base that complies with current fire safety rules and regulations, and provides all types of disciplinary training, practical and scientific work of students, provided by the curriculum and extracurricular activities. Annex to the license for EP "Pediatrics" dated June 15, 2018, issued on 28.02.2018, confirms compliance with the qualification requirements for educational activities for the implementation of the EP "Pediatrics" and provision of the program with the necessary resources. For this purpose, a close connection is maintained with the main clinical bases of JSC "SKMA", such as RCH, City Children's Clinical Hospital (hereinafter - CCCH), Regional Perinatal Center (hereinafter - RPC) №1. JSC "SKMA" within the framework of the EP has a Memorandum of Understanding between the Health Department. To implement the EP "Pediatrics" the indicators of human resources are 255 staff units, of which doctors of sciences-11, candidates of sciences-83, PhD-10, masters-92. Information about the faculty is posted on the website of JSC "SKMA" <https://skma.edu.kz/> (section "Organizational Structure" and departments). For the implementation of EP "Pediatrics" information resources are implemented (Internet, educational portal, implementation of automated information system (hereinafter - AIS) LMS Platonus, integrated with the national educational database, online platforms ZOOM, Cisco Webex Meetings, Big Blue Button, etc.) Foreign teachers are involved in training through academic mobility programs (in-person and distance learning). Continuous improvement of all activities of the university allows to train competitive and competent specialists.

The EP, drafted within the framework of the current SMSE with the orientation on obtaining certain competences at each stage of education, clearly defines the competences for each discipline and for each course taking into account the Dublin descriptors: knowledge and

understanding, application of knowledge and understanding, judgment formation, learning skills or learning ability, communication abilities. In accordance with the competencies to be possessed by the graduate of the program at the end of the EP the developed learning outcomes (LOs) are presented. Final LO EP are focused on the implementation of the main objectives of health care, "Concept of Health Care Development of the RK until 2026" from November 24, 2022 and "National Project "Quality and affordable health care for every citizen "Healthy Nation" from October 12, 2021 and other program documents on the Ministry of Health of the RK (hereinafter - MH RK), Strategic Direction of JSC "South Kazakhstan Medical Academy" for 2023-2025 years. (https://skma.edu.kz/files/Programma_razvitiya_UKMA_2023-2025.pdf). The final LOs of the Bachelor's EP "Pediatrics" are posted on the website <http://surl.li/giqig> . At each stage of training, clearly defined LOs for each discipline and for each module of students, thanks to which the stage of competence formation is achieved.

JSC "SKMA" conducts periodic analysis of achieved learning outcomes. The initial data for analysis are the results of interim certification of students, final certification, as well as the results of questionnaire survey of students' satisfaction with the educational process. Thus, the achieved results are compared with the final LOs, prescribed in the SMSE, Modular Educational Programs (hereinafter - MEP) <http://surl.li/giqjb> and working training programs of disciplines (syllabuses) <http://surl.li/ezkef>.

In accordance with the traditions and values of the Academy all team members, students and clinical teachers follow the norms of ethical behavior and comply with the "Honor Code of the teacher", "Honor Code of the student" (Academic Policy of JSC "SKMA" from 09.09.2022) <http://surl.li/eroik> , which are the norms of corporate ethics.

Teaching, clinical and educational components of the training part in JSC "SKMA" ensure the achievement of appropriate behavior of the student to the teachers, health care professionals, etc. The training part of the training in JSC "SKMA" is a part of the corporate ethics. JSC "SKMA" has a youth center "Bolashak" <http://surl.li/eroik> , which organizes and conducts activities for the development of socio-cultural competence of students.

The Academy constantly monitors and ensures the interrelation of the final results of education with the problems of global health. JSC "SKMA" is responsible for compliance of curricula and training programs with the requirements and needs of the state health care system and international concepts of training specialists for practical health care. Updating of the EP is carried out systematically, taking into account the latest achievements in the field of health care, implementation of international and national recommendations and standards. This contributes to the training of competent and competitive specialists in accordance with international requirements, both theoretically and practically.

LOs at the level of EPs are presented in MEPs, at the level of working programs (syllabuses). Training programs are placed on the educational portal of the Academy website (<https://skma.edu.kz/ru/pages/obrazovatelnye-programmy>).

In order to widely inform stakeholders about the results of training, JSC "SKMA" holds meetings with employers, round tables and job fairs. The fairs are attended not only by representatives of leading medical enterprises, institutions and organizations of the Southern region, but also by representatives of practical healthcare of other regions of Kazakhstan. During the fair graduates have an opportunity to talk to employers, get advice from employment specialists, about the existing programs of youth employment, use the presented database of vacancies in the region and the republic. On the official website of JSC "SKMA" there is a database of graduates of the Academy (<https://skma.edu.kz/ru/pages/obshchestvennye-organizacii>), resumes of students in all areas of training are placed in order to familiarize employers with them and subsequent employment of graduates.

The quality of training of university graduates is analyzed annually by means of questionnaire survey of heads of hospitals. According to the results of the questionnaire, graduates of the university confirm the prestige of the university: demand, competitiveness of graduates, compliance with qualification characteristics, sufficient level of professional

knowledge, skills and practical skills, compliance of graduates' training with the modern level of medicine, ability to work in a team, leadership abilities of graduates, readiness for self-improvement, their communication abilities, etc.

The Quality Assurance and Monitoring Department (QAM) is certified for compliance with ISO 2015 standards. Quality Manual, quality standards, information on audits and their results are available on the website of JSC SKMA (<https://skma.edu.kz/public/ru/pages/sector-monitoringa-i-sistemy-menedzhmenta-kachestva>) in the QAM section.

Every year the QMS is analyzed by the management in accordance with the internal standard of UKMA "ST 044_010-2021 Management Analysis". The results of the audits are aimed at improving the quality of the main and auxiliary processes and are the initial data for analyzing the state and assessing the performance of the QMS, as well as for making reasonable management decisions by the management of SKMA. The results of audits are communicated to the Academy administration, staff and stakeholders (internal audit report No.1 dated 19.01.2023).

The educational program committee conducts self-assessment according to the internal quality assurance standards; the self-assessment report is available on the Academy website <http://surl.li/gjpyw>.

Thus, the mission and vision of JSC "SKMA" correspond to the Program of strategic development, contribute to the mastering of innovative technologies that are available in the world practice of medical education; training of specialists focused on the needs of economic and social development of the country, internationalization of education and harmonization with leading universities of pediatric profile.

– **Analytical part**

- Analyzing the compliance of the EP with the standards for international accreditation in accordance with the IAAR standards, it should be noted compliance with the parameters of the standard "Mission and Outcomes".
- University mission, strategic goals, reports are published on the website <https://skma.edu.kz/ru> for wider familiarization of the interested public (<https://skma.edu.kz/ru/pages/missiya-videnie-cennosti-i-eticheskie-principy>).
- The main educational activities of the university are regulated by the following regulatory and legal documents:
- Strategic directions of South Kazakhstan Medical Academy JSC for 2023-2025 <https://skma.edu.kz/ru/pages/programma-razvitiya-yukma>
- Target indicators of the Development Program of South Kazakhstan Medical Academy for 2023-2025 years https://skma.edu.kz/files/Celevye_indikatory_programmy_razvitiya_UKMA_2023-2025.pdf
- Academic Policies <http://surl.li/eroik>
- Regulations and Rules of SKMA https://base.ukgfa.kz/?page_id=251
- Policy in the field of internal quality assurance of educational programs of JSC SKMA (<https://base.ukgfa.kz/wp-content/uploads/2019/10/Политика-в-области-внутреннего-обеспечения-качества-образовательных-программ-АО-ЮКМА.pdf>)
- Educational program committee of Pediatrics https://base.ukgfa.kz/?page_id=10726
- "Regulations on the development of modular programs" <https://base.ukgfa.kz/wp-content/uploads/2020/10/%D0%9F%D0%BE%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5-%D0%BE-%D1%80%D0%B0%D0%B7%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BA%D0%B5-%D0%BC%D0%BE%D0%B4%D1%83%D0%BB%D1%8C%D0%BD%D1%8B%D1%85-%D0%BE%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D1%82%D0%B5%D0%BB%D1%8C%D0%BD%D1%8B%D1%85-%D0%BF%D1%80%D0%BE%D0%B3%D1%80%D0%B0%D0%BC%D0%BC->

- [%D0%9F-044-428-2020.pdf](#)
- "Regulations on the organization and carrying out of attestation of practical/clinical skills and abilities by OSPE/OSCE technologies at the final control of educational achievements of students of JSC "SKMA"[.http://surl.li/evigl](http://surl.li/evigl) ;
"Rules for organizing and conducting interim certification of students in the form of computer testing in SKMA"[.http://surl.li/evihg](http://surl.li/evihg) ;
 - "Regulations on the Procedure for Organizing and Conducting Written and Oral Examinations at SKMA"<http://surl.li/evihp> ;
 - "Provision on the process of development of test tasks for interim and final control of students' knowledge in SKMA"<http://surl.li/eyozn> ;
 - "Policy on Assessment of Learning Outcomes"<http://surl.li/evhru>
 - "Regulations on the procedure for ECTS-type re-crediting in JSC SKMA» A 044/406 – 2018
 - "Regulations on the pedagogical load of teaching staff" <https://base.ukgfa.kz/wp-content/uploads/2021/02/Положение-о-педагогической-нагрузке-профессорско-преподавательского-состава.pdf>
 - "Regulations on the rating assessment of the activity of professors and students.преподавательского состава и кафедр» (П 044/465-2021)
<https://base.ukgfa.kz/wp-content/uploads/2022/02/ПОЛОЖЕНИЕ-о-рейтинговой-оценке-деятельности-профессорско-преподавательского-состава-и-кафедр.pdf>
 - Regulations on the Admissions Committee of JSC SKMA <https://base.ukgfa.kz/wp-content/uploads/2023/02/%D0%9F%D0%BE%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5-%D0%9E-%D0%BF%D1%80%D0%B8%D0%B5%D0%BC%D0%BD%D0%BE%D0%B8%CC%86-%D0%BA%D0%BE%D0%BC%D0%B8%D1%81%D0%B8%D0%B8-%D0%90%D0%9E-%D0%AE%D0%9A%D0%9C%D0%90-2023.pdf>
 - Regulations for admission to the Bachelor's Degree Program of JSC SKMA
<https://base.ukgfa.kz/wp-content/uploads/2023/02/%D0%9F%D1%80%D0%B0%D0%B2%D0%B8%D0%BB%D0%B0-%D0%BF%D1%80%D0%B8%D0%B5%D0%BC%D0%B0-%D0%BD%D0%B0-%D0%BE%D0%B1%D1%83%D1%87%D0%B5%D0%BD%D0%B8%D0%B5-%D0%B2-%D0%B1%D0%B0%D0%BA%D0%B0%D0%BB%D0%B0%D0%B2%D1%80%D0%B8%D0%B0%D1%82-%D0%90%D0%9E-%D0%AE%D0%9A%D0%9C%D0%90-2023.pdf>
 - «Кадровой политике АО «ЮКМА» <https://base.ukgfa.kz/wp-content/uploads/2023/02/%D0%9F%D1%80%D0%B0%D0%B2%D0%B8%D0%BB%D0%B0-%D0%BF%D1%80%D0%B8%D0%B5%D0%BC%D0%B0-%D0%BD%D0%B0-%D0%BE%D0%B1%D1%83%D1%87%D0%B5%D0%BD%D0%B8%D0%B5-%D0%B2-%D0%B1%D0%B0%D0%BA%D0%B0%D0%BB%D0%B0%D0%B2%D1%80%D0%B8%D0%B0%D1%82-%D0%90%D0%9E-%D0%AE%D0%9A%D0%9C%D0%90-2023.pdf>

Passing of the procedure of state accreditation of educational activity of SKMA confirms the activity of EP "Pediatrics" in the framework of the current educational standards of the Republic of Kazakhstan, international accreditation standards IAAR, is confirmed by route links on the website of the University <https://skma.edu.kz/ru> and virtual base of SKMA (<https://base.ukgfa.kz/>) with which EEC was familiarized during the review of the report on self-assessment, and during the work of the expert commission of EEC.

EEC members note that at the meetings with focus groups, faculty members of the Pediatrics specialty were generally able to formulate the mission of the University in their own words. At the meetings with the EEC members employers responded that they know about the existence of the mission of the University, active participation in the discussion of its formation

and approval. However, EEC members determined that the annual reports do not reflect recommendations for improvement of the EP "Pediatrics", strengths and weaknesses are not identified.

During meetings with focus groups of employers it was noted that in this university there is a constant development and adjustment of the EP development plan taking into account the needs of stakeholders and students. In the development of the plan for the development of the EP is consistent with the national development priorities and the development strategy of the HEI.

Strengths/best practices

There are no strengths for this standard.

Recommendations of the EEC

It is recommended to the management to analyze annual reports of structural units with assessment of strengths and weaknesses to improve implementation of OP "Pediatrics" (term till 01.09.2023).

EEC Criteria Conclusions:

- Strong - 0
- Satisfactory - 16
- Suggesting improvement – 0
- *Неудовлетворительные* – 0

5.2. Стандарт «Образовательная программа»

Evidence-based part

JSC "SKMA" has been implementing EP 6B10102 "Pediatrics" since 2018. The development of the EP is carried out in accordance with the SMSE of education levels (higher and postgraduate), approved by the Ministry of Health and Education of the Republic of Kazakhstan and SMSE on levels of education in the field of health care, approved by the Ministry of Health of the Republic of Kazakhstan. Revision and adjustment of the EP is carried out taking into account the updates of the State Standards of Education and proposals received from employers and students when discussing the content of the EP at round tables, seminars, meetings, feedback, questionnaires, etc. annually. The development of the EP is regulated by the Regulations on the development of educational programs.

The EP is included in the Register of educational programs of higher and postgraduate education of **IS ESUVO**.

Upon completion of training on the EP Bachelor's degree with internship and successful completion of final certification, the degree "Bachelor of Public Health" on EP 6B10102 "Pediatrics" is awarded and the qualification "Doctor" with the issuance of a state diploma with an appendix (transcript).

The mandatory component of the curriculum, the names of academic disciplines, their scope and content meet the requirements of the State Educational Standards, Model Curriculum. The structure of the Working Curriculum (WC) for the specialty consists of 3 cycles of disciplines: general education disciplines (GED), basic disciplines (BD) and profiling disciplines (PD). Additional types of training - various types of professional practices, physical training, military training, etc. (<https://base.ukgfa.kz/wp-content/uploads/2022/11/%D0%A0%D0%A3%D0%9F-%D0%91%D0%B0%D0%BA%D0%B0%D0%BB%D0%B0%D0%B2%D1%80%D0%B8%D0%B0%D1%82-%D0%9F%D0%B5%D0%B4%D0%B8%D0%B0%D1%82%D1%80%D0%B8%D1%8F-2022-2023-1.pdf>).

The competence of the EP is formed as a result of consecutive study of disciplines. The modularity of the EP is reflected in the MEP, working training programs. EP by courses of study and **MUP**. Thus, the WC is developed according to the principles of modular learning, continuity

of learning and logical sequence in the study of disciplines, accumulation of learning achievements. Modular construction of the WC is regulated by the "Regulations on the development of modular educational programs", developed in JSC "SKMA" and posted for general use on the website of JSC "SKMA".

In order to realize the interdisciplinary integration the appropriate schedule of practical classes and lectures is made. Interdisciplinary connection is traced in the working curricula of disciplines, made taking into account the mastering of prerequisites and post-requisites, as well as taking into account the specifics of the EP. Integration of basic disciplines (hereinafter - BD) with clinical and profile disciplines (hereinafter - PD) is reflected in the protocols of coordination of working curricula (syllabuses).

The structure of the WC includes the name of the specialty, the list of disciplines, the total volume of academic credits, classroom hours, SIWT hours, SIWT and distribution of workload by semesters during the academic year. The WC is the main document on the basis of which the syllabus is developed (https://base.ukgfa.kz/?page_id=8973), educational-methodical complex of the discipline (https://base.ukgfa.kz/?page_id=31), the schedule is prepared (https://drive.google.com/drive/folders/1RlvSugaa3RdIhl-EqJJTbbOmEx_IbdJS), the pedagogical load of the teaching staff and the academic load of students is determined. Working (educational) programs are adapted to the credit system of education in accordance with the "Rules of organization of educational process on credit technology of education" (order of the Ministry of Education and Science of RK № 152 from April 20, 2011 with additions and amendments). Within the framework of the implemented EP, the departments have developed EMCD in accordance with the requirements of normative acts of the Ministry of Education and Science of the Republic of Kazakhstan and the Ministry of Health of the Republic of Kazakhstan. The WC is developed for the academic year and approved by the Rector based on the decision of the AC before the beginning of the academic year. MEP, working programs (syllabuses) of disciplines are compiled and discussed at the meetings of departments, Educational Programs Committee (hereinafter referred to as EPC), MC, approved by the Vice-Rector for Educational and Methodical Work. The content and design of the RUP meet the requirements of the State Educational Standards of the Republic of Kazakhstan. The latest changes and additions to the EP "Pediatrics" were considered at the EPC (Minutes № 11a from 08.08.22y.), at the MS (Minutes № 13 from 08.08.22y.), AC (Minutes № 15 from 08.08.22y.). EMCD are developed in accordance with the requirements of "Regulations on the development of educational and methodological complexes of disciplines" <http://surl.li/giqxd>, MI EP - in accordance with the requirements of "Regulations on the process of developing test tasks for intermediate and final control of knowledge of students in SKMA" <http://surl.li/eyozn>, "Regulations on the organization and conduct of attestation of practical skills and abilities by OSPE/OSCE technologies in the final control of learning achievements of students of JSC SKMA" <http://surl.li/evigl>, "Regulations on the organization and conduct of examinations in the field of education and training of students of JSC SKMA" <http://surl.li/evigl>.

The implementation of the EP is carried out through the use of various types of classes and teaching methods in training, the implementation of modern learning technologies, including in SIW. In the WC for each discipline of the corresponding cycle the number of lectures, practical, laboratory classes and the number of hours allocated for independent work of students is indicated.

Integrated model of EP implementation is expressed in vertical and horizontal integration of disciplines, creation of modules, introduction of innovative teaching methods (act of introduction of active teaching methods "64 from 22.02.2023; Appendix 2,1 to the Report on self-assessment of primary specialized accreditation of EP "Pediatrics"), development of integrated forms of final control (integrated reception of practical skills by the method of OSPE).

In the EP the sequence of disciplines is observed, taking into account the study of prerequisites and subsequent mastering of post-requisites, which are means of ensuring the logic and continuity of training in educational programs.

The content of the programs of disciplines and modules has an integrated character, the principle of continuity of training in the relevant courses is observed. (Table 3.1 of the annex to the report on self-assessment of the primary specialized accreditation of the EP "Pediatrics")

The EP "Pediatrics" includes disciplines that form basic clinical competencies. "SKMA" JSC supports the concept of early involvement in the clinical specialty of students. For this purpose, from the first year the disciplines "Introduction to the specialty" (2 credits) and educational practice on patient care in the amount of 2 credits are introduced in the EP. The study of clinical disciplines starts from the 2nd year and 3rd year: "Basics of Radiation Diagnostics", "Propaedeutics of Internal Medicine", "Propaedeutics of Pediatric Diseases", "Internal Medicine", "General Surgery", etc. Each course of the program provides for professional clinical practice. On the 4-5 courses and in the internship are studied clinical disciplines in areas such as obstetrics and pediatric gynecology, neonatology, pediatric surgery, pediatric hematology, etc. The clinical disciplines are also studied at the undergraduate level. At the same time, at the undergraduate level the basics of clinical practice are studied (for example, "Basics of pediatric diseases"), and at the internship level - the study of clinical disciplines forms professional competencies for independent activity or under the guidance of a mentor. During clinical disciplines, about 40% of the time is allocated to clinical practice in the PSC, departments of clinical bases and polyclinics, including work with documentation, case histories, outpatient records, etc.

In order to strengthen clinical training, medical interns in accordance with the discipline policy are trained at clinical bases, supervise patients under the guidance of a teacher, mentor, on duty at clinical bases, which directly brings them closer to patients, their parents and helps to realize their needs.

To assess clinical skills and abilities, the technology of OSCE is used, the exam is conducted with the participation of representatives of clinical bases, practical health care.

The collegial body of management of educational and methodical work is the MC, headed by the Vice-Rector for Educational and Methodical Work. The structural subdivision responsible for the planning of EP is the educational-methodical center (hereinafter - EMC), dean's office, OR. Planning is carried out at the level of development of academic calendars, WC, IC on the basis EP of the State mandatory standard of education, development of the schedule of classes, examinations, development of the staff schedule of the department. The development, implementation, monitoring of the EP efficiency, staffing is assigned to the EPC and the departments implementing the EP. The chair carries out the work on the implementation of the EP together with the dean's office, OR, EMC. Resource support of the EP is provided by the PSC, computer-testing and publishing center (hereinafter - CTPC), library and information center (hereinafter - LIC) and others. The students, as consumers of educational services, as well as teachers and employers participate in the work of the AC, MC, the EPC of the EP and in other collegial bodies. The representativeness of representatives of stakeholder groups in the composition of collegial bodies is presented in Table 6.

Table 6: Representativeness of representatives of interest groups in the composition of collegial bodies

Collegial Bodies (CBs)	Number of CBs members	Number and percentage of employers	Number and percentage of students
EPC «Pediatrics»	46	2-3,2%	1-2%
Faculty Council	29	1-2,8%	1-2,4%
Methodological Council	68	3-4,2%	3-4%
Academic Council	41	1-2,2%	1-2%

Monitoring compliance with the sequence of disciplines and continuity, taking into account prerequisites and post-prerequisites, the corresponding ratio between basic biomedical, behavioral, social and clinical disciplines is carried out by program advisors, heads of

departments, EPC, Faculty Council, EMC and MC, taking into account the requirements of the SMSE.

The content of elective disciplines, as well as the disciplines of the EP included in the WC, is aimed at preparing for professional activity. An elective course catalog is being developed that provides students with an alternative choice of elective academic disciplines. The ECC is formed by the registrar's office (hereinafter referred to as the RO) according to the applications of the departments and approved at the meeting of the MC. <https://clck.ru/33UrpX>.

One of the effective mechanisms for increasing independence in the development of the program is the use of modern interactive learning technologies, work in the department of clinical bases, professional practices, research and development. Starting from the 1st year, the level of complexity of the organization of training is traced through the use of increasingly complex and practice-oriented educational technologies, including technologies that form and develop the research competencies of graduates of the program. In the first year of the program, it is planned to master the "Introduction to the Clinic" course in the amount of 2 credits. The content of the course is aimed, among other things, at developing students' tolerance and an adequate attitude to various categories of patients and their representatives. Further, the patient-oriented approach in training is presented in all basic and clinical disciplines. Knowledge and skills to ensure patient safety are formed and practiced in the classroom at the department, in the CPN, in professional practice in the departments of healthcare organizations. The formation of critical and analytical thinking among students is carried out through the teaching of the disciplines of the module "Introduction to scientific research", the discipline "Fundamentals of scientific research", with the use of project-oriented training. Developed "Methodological recommendations for the organization of project activities of students in "SKMA" JSC. "SKMA" JSC has a department of evidence-based medicine, the purpose of which is to improve the quality of medical education, scientific and therapeutic activities based on the use, dissemination and development of modern technologies in accordance with the principles of evidence-based medicine.

The connection between scientific research, practical medical activity and training is based on the conduct of practical doctors' classes, the organization of the educational process at clinical bases (contracts with clinical bases <https://drive.google.com/drive/u/0/folders/1J7HKMIHuEQh2-JTFPYuLEbfv1C2retek>), in scientific laboratories. At each department there is a scientific circle with the involvement of students. The results of scientific research are published by the students of "SKMA" JSC in the scientific journal "Bulletin of SKMA" (<https://lib.ukma.kz/ru/%D0%B2%D0%B5%D1%81%D1%82%D0%BD%D0%B8%D0%BA-%D1%8E%D0%B6%D0%BD%D0%BE-%D0%BA%D0%B0%D0%B7%D0%B0%D1%85%D1%81%D1%82%D0%B0%D0%BD%D1%81%D0%BA%D0%BE%D0%B9-%D0%BC%D0%B5%D0%B4%D0%B8%D1%86%D0%B8%D0%BD%D1%81/>). in the journal "Central Asian Journal of Medical Hypotheses and Ethics" (CAJMHE), included in Publons, which is one of the tools of the Web of Science platform of Clarivate Analytics. (<https://cajmhe.com/index.php/journal>).

The Academy's management creates favorable conditions for the functioning of joint EP with foreign universities (Appendix 6.9 of the Report on the self-assessment of the primary specialized accreditation of the EP "Pediatrics"). The presence of joint EP makes it possible to satisfy the needs of students of EP and harmonize the content of EP with the realities of foreign education, thereby creating conditions for dual education.

As part of the implementation of the strategy of multilingualism, the Academy has developed and is implementing a "Program of trilingual education". The program involves the gradual development of trilingual education among students and teachers.

"SKMA" JSC adheres to the basic principles of state policy in the field of education, according to the Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No.

319-III (with amendments and additions as of 12.01.2023): equality of rights of all citizens of the Republic of Kazakhstan to education; accessibility of education at all levels for the population, taking into account intellectual development, psychophysiological and individual characteristics of each citizen; secular nature of education; stimulation of the education of the individual and the development of giftedness; continuity of the education process, ensuring the continuity of its stages; unity of education and upbringing; diversity of educational organizations by forms of ownership, by forms of education and upbringing, directions of education; democratic nature of education management, expansion of academic freedoms and powers of educational organizations; humanistic and developmental nature of education; integration of education, science and production; professional orientation of students; informatization of the education system.

In the student-teacher relationship, both sides follow the "Student Honor Code" and the "Teacher Honor Code" of "SKMA" JSC, the main purpose of which is to create an atmosphere of goodwill and tolerance at the academy, which contribute to the work of the scientific and creative potential of teachers and students.

"SKMA" JSC has created a system of evaluation and feedback on the implementation of the EP. The assessment of the EP is carried out at the level of the department, faculty, at the level of the collegial management bodies of the EPHPE. All interested persons take part in the assessment – teaching staff, heads of the academy, students, divisions of "SKMA" JSC, employers. Feedback is provided through the opportunity to contact directly the persons implementing the program (department, faculty, deans, etc.), remotely - through the academy's website. Feedback can be obtained through a survey of employers, students, through the technologies of "SKMA" JSC to determine the residual knowledge of students, the results of intermediate, final certification, independent assessment of knowledge, etc.

The actualization of the EP is carried out based on the results of monitoring and periodic review of the EP, regular internal self-assessment; the system of external evaluation of the quality of the implementation of the EP, analysis of the opinions of employers, teachers, students and other subjects of the educational process. The amendments and additions to the EP are considered at the meetings of the collegial governing bodies of the Academy (EPC, MC, EC).

Thus, currently, according to EP 6B10110 "Pediatrics", functions are distributed among the structures responsible for managing educational programs, taking into account the representation of students, teaching staff, employers, and other interested parties. The content of the educational process is regularly checked by the Department for the quality of education and training, the dean's office. The educational program is evaluated by interested internal parties, which makes it possible to adjust the EP and make certain changes.

Analytical part

During the visit, experts conducted a detailed analysis of the accredited educational institution for compliance with the requirements of the modern education market, principles and methods of organizing educational, research and educational processes aimed at satisfying the interests of students and all participants in the educational process of the educational institution. The content and form of the EP, the decisions taken by the management of the EP, are coordinated with the strategic documents of the university and the regulatory documents of the Republic of Kazakhstan. The Academy ensured that the achievements of basic biomedical sciences, concepts and methods of applying clinical scientific knowledge, scientific, technological and clinical developments that meet the expectations of society and the healthcare system were included in the EP. The structure of the EP, content, duration ensures compliance with the ratio between general education (GD), basic (BD) and profile disciplines (PD). However, the WC does not fully reflect and does not provide an alternative for students to choose elective component disciplines (elective disciplines) with deepening in the senior courses of the EP "Pediatrics".

The Academy has created conditions for observing the principles of equality in relation to students, regardless of their gender, ethnicity, religion, sexual orientation, socio-economic status

and physical abilities.

The management of "SKMA" JSC and EP not only declares the involvement of interested parties in the development of educational programs and evaluation of its effectiveness, but also involves them in work, which is confirmed at meetings with focus groups.

During the interview, the students were able to explain to the members of the EEC how the choice of the presented elective disciplines according to the ECC and the formation of an individual educational trajectory takes place.

At the same time, the commission notes that during the visit, no response was received on the number of elective disciplines of the elective component posted in the RUP; the formation of a catalog of elective disciplines; the ECC posted on the University's website does not provide students with an alternative choice of elective academic disciplines along the trajectory of the EP "Pediatrics", the content of which should satisfy professional interests (i.e.e. the student can deepen their qualifications) in accordance with personal inclinations (disciplines of choice), which the university needs to take into account in the future.

Strengths/Best practices

There are no strengths according to this standard.

EEC Recommendations

1. It is recommended to reflect alternative elective disciplines of both basic disciplines and profile disciplines in the WC EP "Pediatrics" according to the courses of training in EP "Pediatrics" (term until 01.09.2023);

2. Educational organizations are recommended to post the current ECC on the Academy's website (until 01.09.2023).;

3. "SKMA" JSC is recommended to strengthen the component on the choice (electives) of the profile disciplines for the OP "Pediatrics" to determine the individual educational trajectory of each student separately (until 01.09.2023).

Conclusions of the EEC by criteria:

- Strong – 0
- Satisfactory – 26
- Suggest improvements – 1
- Unsatisfactory – 0

5.3. Standard "Student Assessment Policy"

The evidentiary part

Evaluation of educational achievements of students in "SKMA" JSC is carried out using criteria, regulations and procedures developed in accordance with the goals and objectives for the implementation of the EP and assigned qualifications within the framework of the current rating system and control of the educational process in accordance with regulatory documents. The "Policy of evaluation of learning outcomes" has been approved <http://surl.li/evhru> , regulating the procedure for planning, organizing and controlling the process of evaluating the achievements of students of "SKMA" JSC.

Students' academic performance is assessed in two main ways: formative assessment (assessment for learning) and summative assessment (assessment of learning).

As part of the assessment system, the following types of control are used: current control (CC) (types and criteria for evaluating CC are developed by the department taking into account the specifics of the discipline and are prescribed in the syllabus); assessment of CC academic performance (admission rating) is 60% of the final assessment of knowledge in the discipline); boundary control (ME) (at least 2 once during one academic period in the form of colloquiums, control papers, testing, orally or in writing, based on the specifics and LO of the discipline; the dates of the ME are reflected in the syllabus); the ME is part of the CC; at the last lesson of the

cycle / discipline, the assessment of current academic performance is calculated, which is an assessment of the student's admission rating in this discipline); final control (FC) (carried out after completing the study of the discipline during the interim certification according to the schedule; FC is carried out in the form of computer testing, oral or written examination; the specific weight of the assessment for the exam is 40% of the total score for mastering the discipline). In all basic and clinical disciplines, exams are conducted in two stages. The first stage is the assessment of practical/clinical skills (reception of practical/clinical skills, application of OSPE technologies/OSCE with the involvement of independent examiners). Results of admission of skills and OSPE/The OSCEs are evaluated according to a point system. The maximum score is 20 points. The threshold (passing) result is 10 points (50%). If the student is studying at any stage of the OSE/The OCE receives "0 points", the final score is "not certified". A student who has not scored a threshold score is not allowed to the next stage of the final control. Students with a passing score of 50% or higher in all types of controls (current control, boundary control No. 1 and/or No. 2) are allowed to the final control of the discipline. When evaluating students, the accepted rules specified in the "Learning Outcomes Evaluation Policy" are observed <http://surl.li/evhru> . Assessment policies and procedures are fairly transparent and accessible to students. The results of the current control, boundary control are entered into educational /electronic journals, analyzed at the cathedral meetings and reflected in the annual reports of the department.

The organization and conduct of intermediate certification of students is assigned to the LO and is carried out according to the WC in accordance with the ND approved by the EC EPHPE: "Regulations on the organization and conduct of certification of practical/clinical skills and abilities by OSPE technologies/OSCE at the final control of educational achievements of students of "SKMA JSC "" <http://surl.li/evigl> ; "Rules for the organization and conduct of intermediate certification of students in the form of computer testing at SKMA" <http://surl.li/evihg> ; "Regulations on the procedure for organizing and conducting exams in written and oral form in the SKMA" <http://surl.li/evih> ; "Regulations on the process of developing test tasks for conducting intermediate and final control of students' knowledge at SKMA" <http://surl.li/eyozn> . The form of the final control is discussed at the Faculty Council and approved by the EC on the recommendation of the dean no later than one month of the beginning of the academic year.

The policy of discipline assessment is reflected in syllabuses of academic disciplines, which includes criteria and methods for assessing LO, as well as in AIS "Platonus" the conditions for calculating the rating and the formation of indicators of accounting for academic achievements are determined.

The control and measuring instruments (CMI) contain all the necessary information, are presented in a clear and understandable form (do not require additional explanations during the exam) and are checked by the intra-university Quality Control Commission (hereinafter - IQCC) <http://surl.li/ezrka>

The assessment is meaningful and constructive in nature and there are appropriate strategies for evaluating LO at the level of EP, modules and disciplines, which should be adapted to the individual needs of students. Educational achievements (knowledge, skills, skills and competencies) of students are evaluated in points on a 100-point scale corresponding to the letter system with a digital equivalent adopted in international practice (positive grades, in descending order, from "A" to "D-", and "unsatisfactory" – "FX", "F",) and estimates according to the traditional system according to the order of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated 20.04.2011. "Rules of the organization of the educational process on credit technology of training" <http://surl.li/fbzjr> . Organizational support for the transfer of credits to ECTS credits at the Academy is carried out in accordance with the "Regulation on the transfer of loans by ECTS type" <http://surl.li/ezjxy> .

"SKMA" JSC has determined the final results for each discipline, module and EP as a whole, which are formed throughout the entire training period. The entire EP of EPHPE is aimed

at achieving these goals and mastering the competencies of students. Evaluation methods are formed according to the conceptual principles of orientation to the evaluation of the achievement of the final results of disciplines and modules on competencies, as well as orientation to the "Dublin descriptors" (knowledge-understanding-use-analysis-synthesis-evaluation).

In order to separate the learning process and the knowledge assessment process, as well as to conduct intermediate and final certification of students, "SKMA" JSC operates an RO, CITC in AIS "Platonus" using online proctoring technology, which allows you to verify the student, monitor the screen and behavior of the student, and record the entire exam on video. Written exams are conducted in the CITC using the automated program "SKMA-WEX". An important criterion for maintaining transparency and objectivity is the exclusion of the human factor from the evaluation process.

"SKMA" JSC " ensures the reliability and validity of the methods used to evaluate students. Test tasks are developed by certified testologists of the departments according to the "Regulations on the process of developing test tasks for conducting intermediate and final control of students' knowledge at UCMA" <http://surl.li/eyozn> . The establishment of compliance of the structure and design of the test assignment with the requirements is carried out by the Commission for the IQC <http://surl.li/ezrka> according to the approved schedule before the start of the examination session (Appendix 3.4 of the Report on the self-assessment of the primary specialized accreditation of the EP "Pediatrics").

"SKMA" JSC provides an assessment of the quality of training of students through an intra-university control system, which includes current, milestone and final types. Accounting of educational achievements, organization and conduct of all types of quality control of students' knowledge, registration of the results of current and intermediate control of knowledge, academic indicators of sessions, final attestations, control sections of knowledge <http://surl.li/fcnll> it is carried out through monitoring and analysis in close interrelation of departments, deans, RO, CITC, department of monitoring and quality assurance. The Quality Assurance Committee (QAC) operates on the basis of the faculty <http://surl.li/ezspq> , making decisions on the content and conditions of the implementation of the LO, on the evaluation policy and other academic issues of the faculty, organizing a survey of students of the EP "Pediatrics" for compliance with the quality of the LO, for the presence of facts of violation of academic integrity (Appendix 3.5 of the Report on self-assessment of primary specialized accreditation EP "Pediatrics").

The system for appealing evaluation results in "SKMA" JSC is presented in the Academic Policy of EPHPE <http://surl.li/eroik> .

The transfer of students from course to course is carried out on the basis of the established transfer GPA score with mandatory consideration of prerequisites. The value of the minimum transfer score for transfer from course to course is set by the decision of the EC for the current academic year <http://surl.li/ershz>

Analytical part

Students have complete clarity regarding the evaluation criteria, the plan of different types of knowledge control, the number of exams, the balance between oral and written exams, the results of academic performance in the electronic journal AIS "Platonus", which was confirmed by them during the work of the EEC during the conduct of interviews with students.

The academic calendar, the schedule of the educational process, the schedule of classes, the schedule of exams for all levels of education are publicly available to all users of the site in the "Student" menu." All available tabs can be found on the website of "SKMA" JSC (<https://skma.edu.kz/>).

The university has developed various types of knowledge meters for students in all disciplines. In accordance with the "Policy of Evaluation of learning Outcomes" of the Academy, the procedure for planning, organizing and controlling the process of evaluating students' achievements is regulated, and also ensures: comprehensive, accurate, consistent, transparent and objective evaluation of educational achievements; compliance with the requirements of

professional standards for measuring professional competencies; a high degree of student involvement at all stages of the academic process. The evaluation principles are: achievability; measurability; transparency; consistency; validity; objectivity (reliability); inclusiveness and fairness; authenticity; feedback.

Examination materials are developed by certified specialists, and are examined by the IQC, which indicates the reliability, quality of test tasks, examination cases. During the interview with the teaching staff, the members of the EEC were clarified about the participation of teachers in the discussion of Policies and rules for assessing students' academic achievements at meetings of departments, faculty councils, EPC, which are submitted to the EMC, and approved at meetings of the methodological and academic councils.

The system of appeal of evaluation results regulated by the "Academic Policy" of "SKMA" JSC is defined. For the period of the examination session, by order of the rector, on the basis of the presentation of the RO, an appeal commission is created from among teachers whose qualifications correspond to the profile of the appealed academic disciplines.

Every year, at various levels (meetings of departments, academic Council of the faculty), the analysis of the achieved results in the training of students on various types of control is carried out. The proposals received as a result of the discussion of the data obtained from the questionnaire of students are used in the process of reviewing evaluation materials, the content of lecture material, practical classes, which was confirmed by students and teaching staff during interviews with members of the EEC.

Strengths/Best practices

There are no strengths according to this standard.

Recommendations of the EEC

Missing.

Conclusions of the EEC by criteria:

- Strong – 0
- Satisfactory – 8
- Suggest improvements – 0
- Unsatisfactory – 0

5.4 The "Students" Standard

The evidentiary part

The policy of admission of students to the bachelor's degree of "SKMA" JSC complies with the Law of the Republic of Kazakhstan "On Education", Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of Standard rules for admission to study in educational organizations implementing educational programs of higher and postgraduate education" (additions and amendments No. 189 dated 12/15/2022).

The commission is regulated by the Regulations on the admission Committee of "SKMA" JSC ". The rules of admission to the Bachelor's degree of "SKMA" JSC " have been developed on the basis of regulatory legal acts.

The policy and procedure of admission to "SKMA" JSC " are clear, consistent with the mission and objectives of the EPHPE, officially published in the media (hereinafter - the media) and the EPHPE website <https://skma.edu.kz/ru/pages/abiturientu> , and are available to all future students.

In "SKMA" JSC " by the decision of the head of the EPHPE or the person performing his duties, an admissions committee is created. The admissions committee consists of the rector, vice-rectors, heads of structural divisions and representatives of the teaching staff of EPHPE.

1 Course	28	20	8	22	17	5	-	-	-	6	3	3
2 Course	42	32	10	37	28	9	-	-	-	5	4	1
3 Course	9	4	5	-	-	-	-	-	-	9	4	5
4 Course	36	36	-	-	-	-	31	31	-	5	5	-
5 Course	11	9	2	8	7	1	-	-	-	3	2	1
Total	126	101	25	67	52	15	31	31	-	28	18	10

Currently, 13 foreign citizens are studying at the Academy under the EP "Pediatrics"; 3 – from groups of small nations; 7 students from socially vulnerable families; 1 from rural areas.

A student of the 1st year of study is given a guidebook at the beginning of the academic year, and its electronic version is posted on the academy's website <http://surl.li/esplv>, the Department of Social Work and Youth Policy and others hold meetings to familiarize themselves with the Charter, mission and strategy of the EPHPE, rules of conduct in the EPHPE; rules of training; current, intermediate, final certification of students' knowledge; summer semester; GPA calculation; transfer from course to course, to another EP, recovery; passing professional practices.

The University supports a student-oriented model of medical education, operates a system of academic counseling, which includes the activities of advisors, clinical mentors, mentors. Advisory work is also carried out at the departments by experienced teachers, associate professors, professors, lecturers in the relevant disciplines.

The translation rules are a component of the Academic Policy of "SKMA" JSC " and comply with the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 (amendments and Additions dated 11/18/2022 No. 145) "On approval of Standard Rules for the activities of organizations of higher and (or) postgraduate education". The transfer of students from course to course is carried out on the basis of the established transfer GPA score with mandatory consideration of prerequisites. The value of the minimum transfer score for transfer from course to course is set by the decision of the AC for the current academic year <http://surl.li/ershaz>.

To meet the social, financial and personal needs of students, the Academy has student service services: student service center; Department of Social Affairs and Youth Policy; BIC; student dormitories with reading rooms, Wi-Fi wireless Internet; medical centers; canteens; buffets, etc. Work is being carried out with low-income students (financial assistance and free meals, a subscription to a water sports complex, etc.). In the current academic year, 10 subscriptions to the swimming pool and 5 certificates to the fitness club of the Kazhymukan water sports complex were issued, 11 subscriptions to the canteen for free meals; 14 students received material (financial) assistance; 8 tickets to the drama theater and opera and ballet theater. . All students in need are provided with places in the hostel.

The student self-government "Bolashak", which includes: the volunteer movement "League of Volunteers"; the student council of the hostel; the representative office of the MK "Zhastar Rukhy"; the branch of the Kazakhstan Medical Student Association (KazMSA); the branch of the Alliance of Students of Kazakhstan; the Peoples' Friendship Club "Birlesu"; the KVN team; the debaters club "Ziyaly Kazak"; committee "Kazakhstan medicine zhastary"; sports club "Barys"; the creative group "Shabyt", the women's council "Aikorkem", in which students of the 4th year of the OP "Pediatrics" Anuarbek Bakdaulet is the PI manager of the organization KAZ MSA, Usmanov Zholdasbek is the director of the SCOME LD organization KAZ MSA.. The students of "SKMA" JSC are members of the student scientific circle, actively participate in scientific conferences, subject Olympiads, etc. events, where they take prizes and receive awards.

Confidentiality regarding counseling and support of students is ensured. The ethical requirements enshrined in the Student's Honor Code are taken into account <http://surl.li/esplv> and the teacher <http://surl.li/eroik>. The Code of Honor is a system of moral norms, obligations and requirements of conscientious behavior based on generally recognized moral principles and norms of Kazakhstan society and the state.

The Department of internship and employment of graduates has been created at "SKMA" JSC " in order to ensure the organization and control of the educational process in the internship, employment and social and legal protection of graduates.

"SKMA" JSC has a student self-government body, which carries out its activities on the basis of the regulations on student self-government of EPHPE.

Students of the EP "Pediatrics" are members of the faculty councils, the methodological council, the rector's office and the academic Council (Table 8).

Table 8. Participation of students of the EP "Pediatrics" as part of collegial bodies

№	full name	Collegial bodies
1	Rustamzhanov Sardorbek Tahirzhanovich	Methodological advice
2	Akzhol Darkhan Isatayevich	Committee of Educational Programs
3	Tolegen Aruzhan Yerzhanovna	Committee of Educational Programs
4	Aitmukhamedova Saltanat Kanatovna	Faculty Council

Evaluation of the training program with students is carried out during sociological surveys and is taken into account for its improvement. Round tables with employers are held annually with the participation of students and employees of the AMP (EMM, deans, departments), evaluation and revision of the EP on nonlinear trajectories is carried out.

Analytical part

"SKMA" JSC has a policy of admission and recruitment of students for the Bachelor's degree program. Training is possible at the expense of the state budget, and within the framework of contracts for the provision of paid educational services. Transparency of the admission procedure for training is achieved by informing applicants and their representatives of the SEC, on the official website of the Academy.

One of the main mechanisms that ensure the stability of the recruitment of students for training in EP is the strategic plan for the development of EPHPE developed in "SKMA" JSC, the availability of an effective system, secured human resources, scientific interests, material and information base.

At the university, the implementation of the educational program is carried out on the basis of the principle of equality, which means equal treatment of students regardless of gender, nationality, religion, socio-economic status, physical capabilities, ensures mutual respect for the human dignity of the student.

"SKMA" JSC has created and operates a regulatory framework to support and protect the rights of students. Student organizations are active, which take part in the discussion and evaluation of the EP, as well as the cultural and social life of the university.

The University pursues a policy of balanced recruitment of students taking into account ethnic origin and other social requirements. The number of students admitted to the university is planned taking into account the total area of educational and laboratory facilities, the availability of teaching staff, the availability of educational and methodological and scientific literature, the capacity of the university's clinical bases, the availability of social and living conditions for training and living of students.

The activities of student support services are evaluated by means of a questionnaire, a survey of students. On the part of structural and functional units, the socially vulnerable contingent of students is provided with appropriate moral and psychological support. Issues related to the social and financial needs of students, career planning, are discussed at meetings of the faculty council, meetings with the dean of the faculty and the rector, any question can be addressed on the website to the rector, vice-rectors. Thus, students have the opportunity to

express their opinions and wishes regarding their participation in the decision-making process, ensuring academic quality and other professional, financial and social issues.

The overwhelming majority of the surveyed employers prefer graduates of "SKMA" JSC because of the sufficient level of their theoretical and practical training, take their professional duties responsibly, show serious interest in mastering the profession and observe issues of medical ethics and deontology.

Information about the quality of the EP was confirmed by interviews with employers who spoke about good conditions of training, support, material resources, extracurricular activities, participation in the university's governing bodies.

Strengths/Best practices

There are no strengths according to this standard.

Recommendations of the EEC

Missing.

Conclusions of the EEC by criteria:

- Strong – 0
- Satisfactory – 14
- Suggest improvements – 0
- Unsatisfactory – 0

5.5. Standard "Academic Staff / Teachers"

Evidential part

The policy of recruitment and selection of academic staff at the university is carried out in accordance with the "[Personnel Policy of JSC "SKMA"](#)", the Mining Code of the Republic of Kazakhstan dated on November 23, 2015 No. 414-V (as amended and supplemented), the Law of the Republic of Kazakhstan "On Education" dated on July 27, 2007 No. 319-III (as amended and supplemented), the Code of the Republic of Kazakhstan "On the health of the people and the healthcare system" dated on July 7, 2020 No. 360-VI (as amended and supplemented) and internal documents of the academy: [the Charter of JSC "SKMA"](#); [Internal labor regulations](#); [Rules for the competitive replacement of positions of the teaching staff and scientists](#); [Qualification characteristics of the positions of the teaching staff and scientists](#).

To promote employees and teachers, the Academy adheres to the policy of formation and training of a personnel reserve. When selecting applicants for senior positions, the professional, personal and business qualities of the employee are taken into account.

Personnel reserve plans are drawn up by management levels, namely: the rector is appointed by the Decision of the Board of Directors of JSC "SKMA"; for the positions of vice-rectors - from among the deans, heads of departments; for the positions of deans - from among the heads of departments.

For the implementation of the EP "Pediatrics", the indicators of human resources are 255 staff positions, of which 11 doctors of science, 83 candidates of science, 10 doctors of PhD, 92 masters; specialists with the highest qualification category of a doctor - 53 people, with category I - 9 people, at present the number of professors is 10 people. (3.9%), associate professors - 20 people. (7.8%), associate professors - 2 people. (0.7%), the degree is 40.7%. The average age of the teaching staff is 54.5 years.

In addition, specialists with medical and pedagogical education from other OVPOs and medical organizations with a scientific degree, academic title and medical category are involved

in the educational process in order to integrate practical skills and work experience into the educational and scientific activities of EPHPE, namely:

attracted part-time teachers increased - 150 people. of them doctors of sciences - 1 person, candidates of sciences - 8 people; involved specialists with the highest qualification category of a doctor - 35 people, with category I - 7 people, the balance between full-time teachers and part-time teachers is 37%.

When selecting a job, special attention is paid to the scientific and pedagogical merits of applicants, namely: the presence of an academic degree, academic title, special qualification category.

In addition, personal qualities, self-esteem, scientific work, the ability to act as a mentor for young professionals, advanced training, and compliance with the qualification requirements for licensing educational activities are taken into account.

The teaching staff that ensures the implementation of the EP "Pediatrics" is represented by healthcare professionals with basic medical and postgraduate education "pediatrician" (9.8%), "doctor", "Bachelor of General Medicine" (63%), as well as higher , I and II qualification categories of a doctor.

A general indicator of the total result of the activities of the teaching staff of JSC "SKMA" is the implementation by all teaching staff of the departments of the individual work plan of the teacher (hereinafter referred to as the IWPT), which is coordinated and analyzed by the dean's offices, the EMC. The IWPT contains plans and information on the fulfillment of the pedagogical load (academic work) - 40%, methodological (25%), research (25%), educational (10%), social and clinical work of the teaching staff.

26% of teaching staff speak English. Teachers who speak English with IELTS, TOEFL, APTIS certificates are provided with additional payment in accordance with the "Regulations on remuneration, bonuses, financial assistance and payment of health benefits" of JSC "SKMA" (with amendments and additions), approved by the rector of the Academy 29 August 2018 <http://surl.li/gjgiq> .

All teachers of clinical disciplines are located at the clinical bases of the academy. According to the EP "Pediatrics", there are agreements with clinical bases: the regional children's clinical hospital, the city children's clinical hospital No. 1, etc.

To plan the teaching load of the teaching staff and calculate the norms of time for the types of educational work, the "Regulations on the teaching load of the teaching staff" have been developed.

In order to assess the activities of pedagogical, scientific, clinical and educational activities in JSC "SKMA" a system of key performance indicators of the teaching staff has been introduced, which is a hierarchically organized structure of indicators that characterize the assessment of the activities of the teaching staff and is intended for regular planning and monitoring of their implementation <https://base.ukgfa.kz/wp-content/uploads/2022/02/REGULATION-on-rating-assessment-of-the-teaching-staff-and-departments.pdf>

The Academy has a system of remuneration of teachers for teaching excellence, scientific and clinical results and dedication, as well as by the decision of the Board of Directors of JSC "SKMA" since 2022, a remuneration system has been introduced for teachers-applicants who have defended the degree of Doctor of Philosophy (PhD) in the form of cash awards personally on behalf of the Founder of JSC "SKMA" Seitzhanov S.S. in the amount of 2,500,000 (two million five hundred thousand) tenge.

During the reporting period, at the departments of the EP "Pediatrics" the winners of the awards were:

- 1) Medal "Enbek ardageri" - 3;
- 2) "Densaulyk saktau isine koskan ylesi yshin" - 5;
- 3) "Densaulyk saktau isinin uzdigi" - 7;
- 4) Certificate of honor of the Ministry of Health of the Republic of Kazakhstan - 6;

- 5) Letter of thanks from the Ministry of Health of the Republic of Kazakhstan - 2;
- 6) Certificate of honor of the rector of JSC "SKMA" - 41;
- 7) Letter of thanks from the rector of JSC "SKMA" - 10;
- 8) Certificate of honor of the Chief Founder Seytzhhanov S.S. – 7;
- 9) Prize of the Chief Founder Seitzhanov S.S. 2,500,000 (two million five hundred thousand) tenge - 1 (PhD, dean of internship Kemelbekov K.S. June 16, 2022).

The Academy provides the teaching staff with equal opportunities for the development of employees, sending them to courses to improve their pedagogical and specialized qualifications, professional development within the framework of the **NPR** competencies. The number of teachers of the EP "Pediatrics" who took part in advanced training for the reporting period: in the pedagogical profile 5 people. (in 2018-19 academic year), 14 people (in 2022-23 academic year); in the 2018-19 academic year, 19 people were trained in the specialty profile, and 22 people were trained in the 2022-23 academic year.

To develop the potential of employees, support and evaluate the activities of teachers, the following modules function on the basis of the Academy on an ongoing basis: "Effective teacher" - 62 people. (coaches: Ph.D. Toksanbayeva Zh.S., Abdraimova S.E., Serikbayeva M.T.); "Researcher and scientist" - 18 people. (trainer Ph.D. Serikbayeva A.D.); "Project-oriented learning" - 48 people. (trainers: Vice-Rector of the Academy of International Economics and Finance Skiba M.A., Candidate of Physical and Mathematical Sciences Ivanova M.B., Ph.D. Ibragimova A.G., Auanasova A.T.); "Communication skills" - 9 people. (trainer Ph.D. Seidakhmetova A.A.); "Organization of distance learning" - 45 people. (trainer head of the department of distance learning technologies Khalmetova Sh.A.); "The use of ICT in distance learning" - 136 people. (trainer Khalmetova Sh.A.); "The use of simulation technologies in training programs for the development of clinical competencies" - 3 people. (coach Tulemisov K.Zh.); "Conducting problem-based learning using virtual patients" - 30 people. (coach Abdraimova S.E.).

The percentage of teaching staff participating in academic mobility was 6%, both outgoing mobility in universities of the near abroad (4 teaching staff) and within the country (5 teaching staff).

For workers with different life situations, measures are provided for material support of the trade union committee and the administration.

Analytical part

JSC "SKMA" has developed and implemented a policy for the recruitment and admission of teaching staff, which determines the required experience, criteria for scientific, educational, pedagogical and clinical achievements, including the balance between teaching, scientific activities, qualifications of a specialist, their responsibility, the duty of employees, which is confirmed by documents of the state and local levels : Regulation "On the personnel policy of JSC "SKMA", Qualification requirements for employees of the teaching staff of the Academy are determined by the "Qualification characteristics of the positions of the teaching staff and researchers", approved by order of the rector of 12/29/2021. No. 5. The main objectives of the personnel policy are the selection of highly qualified specialists; ensuring professional growth through a system of continuous professional development and professional competence; maintaining the optimal age composition of the departments; providing conditions for the development of EMCD, scientific products; the responsibility and balance of the teaching staff to adequately provide the educational program, including the proper balance between medical and non-medical teachers, as well as between full-time and part-time teachers, whose duties are defined in the relevant documents.

The teaching work of the teaching staff is carried out according to the teaching load, and is organized in such a way that teachers have the opportunity to engage in all types of activities - methodological, scientific, educational, social, etc.

The scientific work of teachers is carried out according to the plans of scientific work of departments and courses, individual plans of teachers, annual plans of the department.

In an interview with the teaching staff, the members of the EEC were told about incentives for conducting scientific activities, publishing educational and methodological literature, academic mobility, and advanced training in 5 years.

Currently, the departments implementing the EP Pediatrics are fully staffed with highly qualified personnel with basic education (Doctor of Science, Candidates of Science, Masters of Medicine, Associate Professors and Professors).

During the reporting period, highly qualified specialists from practical healthcare with the highest and first qualification categories, academic degrees were involved in teaching in major disciplines.

EEC experts also note that according to the results of interviews with teaching staff students, analysis of the content of syllabuses, active learning and teaching methods, such as PBL, project-oriented learning, etc., are used in the educational process.

When conducting an interview with members of the EEC with the teaching staff of the Academy, the university staff noted the opportunities for advanced training (pedagogical and specialized) of basic and clinical departments at the level of JSC SKMA within the framework of concluded memorandums with partner universities, and a positive response was received on passing the FPD at the expense of the academy. The teachers explained that they have the opportunity to increase the pedagogical, scientific potential through the cascade method of teaching.

The information provided by the university on this standard allows us to conclude that the qualitative and quantitative composition of the teaching staff of the university provides a full-fledged organization and conduct of the educational process, the training of specialists in the EP Pediatrics meets the requirements of the standard.

Strengths/best practice

1. Personnel potential is competent and capable of further improvement through the support of the administration of the academy;
2. JSC "SKMA" has introduced a policy of incentives and material rewards to employees for recognition in the implementation of pedagogical excellence, the achievement of scientific and clinical results;
3. The medical education organization implements a policy of activity and development of the potential of employees. The Academy provides teaching staff with equal opportunities for the development of employees, sending them to courses to improve their pedagogical and specialized qualifications, professional development within the framework of their competencies.

EEC recommendations

Missing.

EEC findings on criteria:

- Strong - 2
- Satisfactory - 6
- Suggest improvements – 0
- Unsatisfactory - 0

[5.6. Standard "Educational Resources"](#)

Evidential part

The implementation of the EP Pediatrics in JSC "SKMA" is carried out on the basis of a sufficient material and technical base that complies with the current rules and regulations, ensuring all types of disciplinary and interdisciplinary training, practical and research activities

of students, provided for by the curriculum.

The EPHPE has developed the standard "[Material and technical base](#)" in order to ensure and maintain the material and technical base necessary to create an infrastructure that allows achieving the proper quality of educational services. All work according to the standard is controlled by those responsible for technical / fixed assets.

In the process of training in the operation of material resources, employees and students must comply with the "Instruction on fire safety measures", "Safety Instructions" (Appendix 6.4 of the Self-Assessment Report of the Primary Specialized Accreditation of the EP "Pediatrics") and the "Internal Labor Regulations" of JSC "SKMA".

For the implementation of the EP JSC "SKMA" has a sufficient auditor fund. EPHPE has 4 buildings, sports and gyms. Students have the opportunity to undergo military training at the [military department](#).

There are food and medical stations in the buildings. The hostel has favorable conditions for living: it is located in an accessible area, not far from the center and from the EPHPE. The buildings are equipped with a video surveillance system, security is ensured. In all laboratories, sanitary and disinfection measures are taken to ensure sanitary safety, fire alarms are installed, fire extinguishers are available - a fire extinguisher, personal protective equipment, gloves, gowns, masks and goggles. The classrooms are equipped with EPHPE irradiators with lamps. The safety of work in laboratories is regulated by the relevant internal rules of JSC SKMA.

JSC SKMA has organized an access control regime that ensures the safe stay of employees and students in buildings, constant control over the territory of the EPHPE and the surrounding area. In the buildings of JSC "SKMA" there is a loud-speaking notification of people about the occurrence of emergencies, there is an emergency call button for the police, there are safety data sheets, plans and schemes for the evacuation of employees, students and personnel in case of fire and the threat of occurrence, and a committed terrorist act have been developed, job descriptions have been developed.

Conditions have been created for students to study at the BIC, CTPC. The classrooms of the Department of Information Technology are equipped with computers for conducting classes in ICT and biostatistics.

Clinical bases of JSC "SKMA" have the ability to use electronic document management, keeping records in case histories in electronic form provide teaching staff with the opportunity to use modern information and communication technologies for patient management and work in the healthcare system.

Clinical bases of JSC "SKMA" operate on the basis of the requirements for clinical bases of educational organizations in the field of healthcare, specified in the order of the Ministry of Health of the Republic of Kazakhstan No. , residency base, integrated academic medical center and the requirements for them. According to the EP "Pediatrics", the clinical practice of students of JSC "SKMA" is carried out at clinical sites on the basis of agreements on joint activities with the regional perinatal center No. 1, city hospital No. 2, regional clinical hospital, regional children's hospital, city infectious diseases hospital, city clinical hospital No. 1, the regional center of phthisiology and pulmonology, etc. (Appendix 6.4 of the Report on self-assessment of the primary specialized accreditation of the EP "Pediatrics"). At the clinical bases of JSC "SKMA" students have the opportunity to gain knowledge in the scope of medical care at all levels, starting with primary health care and specialized, get access to modern medical equipment (X-ray rooms, rehabilitation departments, physiotherapy rooms, etc.).

In order to create organizational and educational and methodological conditions to improve the quality of training of students; retraining and advanced training, as well as for the development of professional competence of healthcare system specialists, the Center for Practical Skills (hereinafter - CPS) with an area of more than 800 sq.m. operates in JSC "SKMA". The CPN is equipped with dummies and simulators, as well as high-tech computerized robotic simulators that allow you to fully simulate the clinical situation as close as possible to the real one and work out the algorithm of actions to automaticity.

CTPC with a total area of 326.2 sq.m., consists of offices: "Server", five computer classes, a repair and technical office, a printing office; office of the website and virtual base of JSC "SKMA". CTPC is equipped with 191 new generation monoblocks, printers, scanners, multimedia projectors, united by a local area network and connected to the Internet. Computers are united in a single local network and have access to the corporate data transmission network of JSC SKMA, the site of JSC SKMA and the Internet, providing wireless WI-FI coverage in JSC SKMA – "South Kazakhstan Medical Academy".

Students have 6 computer classes at their disposal - 191 units of new generation computers (monoblock), a computer class (building No. 2) - 25 units of new generation computers connected to the Internet. Internet speed 600 Mbps.

In JSC "SKMA" there is a program "Documentolog" electronic document management system that allows you to automate any processes for organizations of all types of activities. Platonus educational system operates in JSC SKMA. Access to published information resources on the corporate network and on the Internet is controlled on the basis of the Cisco NGFW 1140 hardware and software system.

To ensure the interaction of all types of activities, JSC "SKMA" created a single internal local network, conducted IP-telephony for departments and departments. All computers of JSC "SKMA" are united in a single local network. The official website of JSC SKMA is functioning, on which educational resources are available for teaching staff, students and other interested parties, information about structural divisions is posted, and the main events in the life of JSC SKMA are highlighted.

For students to perform the clinical section of scientific work in JSC "SKMA" there are "South Clinical & Genetic Laboratory" (SK & GL) and the Research Laboratory of Medicinal Plants. SK&GL has research capability

In order to expand the material and technical base, to reach the level of JSC "SKMA" to a new level, the construction of the "University Hospital for 800 beds and a clinical diagnostic center for 700 visits per shift" has begun. An agreement was concluded with China Machinery Engineering Corporation for the construction of the University Hospital and work was carried out to develop and approve the staffing table for the project, medical services, medical and technological tasks, and a positive decision was received on the Public-Private Partnership (PPP) between the Academy and the Ministry of Health of the Republic of Kazakhstan.

The structure of the BIC includes 2 subscriptions, 3 book depositories, 7 reading rooms, and a media library. The unified information and library fund is 547,037 copies, including 242,542 copies in the state language, 21,664 copies of all types and kinds of publications in a foreign language. The main part of the fund is educational literature, which has 391,424 copies, which is 71% of the total volume of the fund, including 196,762 copies in the state language. The fund of scientific literature is 155535 copies, including 45724 copies in the state language, and is represented by abstracts, monographs, dissertations, reference books and periodicals on the profile of each EP. Information about the provision of disciplines with literature on paper and electronic media on the EP "Pediatrics" is presented in Table 9.

Table 9. Information on the provision of disciplines with literature on paper and electronic media

EP	Number of disciplines of the curriculum	Fund of educational and scientific literature (number of copies)	% of disciplines edition on paper	Fund of educational and scientific literature on electronic media	% of electronic edition. carriers
Pediatrics	46	45140	100	2604	100

[The library fund](#) is reflected in the electronic catalog available to users on the site online 24 hours 7

days a week. The electronic catalog contains 71100 records and consists of 8 bibliographic and full-text bases.

The LIC provides readers with free access to domestic and international information resources. Currently, students have access to: international databases - Web of Science, Science direct, Cochrane Library (Agreement No. 25288 dated April 15, 2022); to domestic electronic resources - the Republican Interuniversity Electronic Library (Agreement No. 84 of 01/05/2022), Digital Library "Aknurpress" (Agreement No. 1 of 01/15/2021), Electronic Library "Epigraph" (Agreement No. 06 / 06-22 of 06/06/2022), information and legal system "Zan" (Agreement No. 02-23/sh dated 01/10/2023), information system "Paragraph" (Agreement No. 4/191 dated 11/30/2022), portal of multimedia textbooks "Techsmith" (Agreement No. 15/12-1 (U), No. 15/12-2 (U) dated 12/15/2022), EB KazNU named after Al-Farabi (Agreement No. 4/03 of 17.02021), EB of the Kazakh-Russian Medical University (Agreement of 11.02021).

The formation of research competencies is carried out at the level of disciplines / modules and EP due to the fact that the scientists of JSC "SKMA" are the executors of the following scientific and technical programs (STP), which have passed the state registration in JSC "National Center for State Scientific and Technical Expertise", the results of research are presented 20 articles were submitted to the East European scientific journal (RSCI), Scopus - 5.

JSC "SKMA" signed bilateral agreements on cooperation with medical and pharmaceutical EPHPE and institutions of the Republic of Kazakhstan (Appendix 6.9 of the Report on self-assessment of the primary specialized accreditation of the EP "Pediatrics").

The work on academic mobility of students and teaching staff is coordinated by the department of DSIC. Academic mobility of students and teaching staff of JSC "SKMA" is carried out within the framework of interuniversity memorandums of cooperation. Students of JSC "SKMA" do internships at foreign partner universities as part of the academic mobility program. Academic mobility of teaching staff is realized by secondment to partner educational institutions for lecturing, conducting classes

JSC "SKMA" has complete independence and autonomy in terms of allocating funding to support the academic mobility of students and university staff from extrabudgetary sources.

During the EEC visit, training laboratories and practice bases were demonstrated, where students acquire practical skills and undergo industrial practice.

Analytical part

EEC experts state that within the framework of the standard "Educational Resources" for the EP Pediatrics, during the work of the expert commission of the EEC, visits to departments, educational laboratories and practice bases, analysis of the submitted documentation, it was revealed that the material and technical base used to organize the learning process, is sufficient and meets the requirements. Classrooms and scientific laboratories and other premises used in the implementation of the EP Pediatrics comply with the established safety standards and rules. The implementation of educational programs at the Academy is ensured by the free access of each student to information resources and the library fund.

The process of practical training in EP Pediatrics is provided by its implementation on the basis of clinics, the Center for Practical Skills.

In OA "SKMA" the program of academic mobility of teaching staff and students is being implemented, which was confirmed by both groups in the interview. During an interview with the members of the EEC with the heads of departments from the head of the department "Pediatrics-1", PhD Kemelbekov Kanatzhau Saukhanbekovich, a satisfactory answer was received that the percentage of teaching staff participating in academic mobility was 6%, as outgoing mobility in universities of the near abroad (4 teaching staff), and within the country (5 PPP). These exchange programs allow you to consolidate knowledge, skills and abilities not only within the framework of direct specialization, but also contribute to the formation of additional competencies.

Internal examination of the compliance of the teaching methodology at the university with the implementation of the educational program is carried out systematically both at the departmental level and by the internal audit system.

EEC confirms the existence of student support systems, including support through the university website, through personal appeals to the dean, vice-rector, rector, curator, mentor, advisor, etc.

Members of the EEC believe that the existing material and technical base of the university contributes to the expansion of forms and methods of attracting students to participate in scientific research in the field of medicine and pharmacy, publication activity.

Also, members of the commission, in interviews with students and when visiting clinical sites, noted the full provision and satisfaction with technical teaching aids, educational literature, and the conditions of clinical sites.

At the meeting of the members of the EEC with the PSS of JSC "SKMA", positive answers were received about the friendly work of clinical departments and clinical bases, it was noted that practitioners were involved as mentors; during interviews with graduates, cardinal positive improvements in the material and technical resources of the university were noted.

Significant for JSC "SKMA" is the beginning of the construction of the "University Clinic", which meets all modern requirements, both the material and technical base, and the clinical base with the placement of specialized departments, allowing the achievement of competencies and mastering the final results of graduates in the OP "Pediatrics".

Strengths/best practice

1. JSC "SKMA" has a sufficient material and technical base (contracts have been concluded with 42 clinical bases, "South Clinical & Genetic Laboratory" (SK & GL) and the Research Laboratory of Medicinal Plants) and its regular updating (providing departments with interactive whiteboards, computer equipment, models etc.), as well as the implementation of a sufficient number of scientific and technical progress, scientific grants, which undoubtedly correspond to the development of scientific and technological progress;

2. JSC SKMA signed an agreement with China Machinery Engineering Corporation for the construction of a "University Hospital for 800 beds and a clinical diagnostic center for 700 visits per shift", which meets international standards;

3. Partners of JSC "SKMA" are such universities as: "Institute for Biomedical Research of the University of Barcelona", Spain; Institute of Neurology University College of London, UK; University of Medicine and Pharmacy, Romania; Institute of Neurology, University College London, St. Petersburg State Pediatric Medical University, Russia, Tashkent Medical Academy, Uzbekistan; and others, which makes it possible to achieve the final results in accordance with the mission of the OP "Pediatrics";

4. JSC "SKMA" ensures proper academic mobility of teaching staff and students to the countries of near and far abroad, as well as within the country.

EEC recommendations

None.

EEC findings on criteria:

- Strong - 2
- Satisfactory - 20
- Suggest improvements – 0
- Unsatisfactory - 0

[5.7. Standard "Evaluation of the educational program"](#)

Evidential part

JSC "SKMA" conducts constant monitoring of the quality of the EP to analyze the completeness of the implementation of the educational standards of the EP, compliance with the mission of the EP, the development strategy of JSC "SKMA", the requirements of the labor market, etc.

JSC "SKMA" has developed a Policy in the field of internal quality assurance of educational programs of JSC "SKMA" (<https://base.ukgfa.kz/wp-content/uploads/2019/10/Policy-in-the-field-internal-quality-assurance-educational-programs-JSC-SKMA.pdf>), which reflected a unified policy in the field of quality assurance of the EP.

The following monitoring mechanisms and tools are used to evaluate the EP in JSC SKMA:

1. [Monitoring the implementation of the Development Program of JSC "SKMA" for 2023-2025](#)

2. The activities of the collegial management bodies of JSC "SKMA" - the Faculty Council, the Methodological Council, the Clinical Council, the Scientific Council, the Rector's Office, the Academic Council.

3. Activities of the IQC acting on the basis of the Regulations on the IQC. The commission ensures the quality of examination materials for conducting intermediate, final certification, the reliability of supporting documents according to the nomenclature of cases of the departments of EPHPE;

4. The activities of the CEP and COC that ensure the quality of the implementation of the EP (plans, reports, protocols in Appendix 7.1 of the Self-Assessment Report of the Primary Specialized Accreditation of the EP "Pediatrics");

5. The activities of the EMC, which ensures the quality of the EMCD, teaching materials, planning the educational process of the EP

6. The activities of the PR, the dean's office, the dean's office of internship and employment of graduates, which ensure monitoring of the achievements of students at all stages of certification and control of knowledge, skills, and abilities of students.

7. Analysis of the personnel policy of JSC "SKMA", holding a competition for filling vacancies

8. The results of the survey of students on the degree of satisfaction with the educational process (the results of the survey based on the results of the intermediate certification are presented at the rector's office and the SC 2 times a year) (Appendix 7.2 of the Self-assessment report of the primary specialized accreditation of the EP "Pediatrics").

9. Meetings with employers, organizing and holding round tables with representatives of employers to discuss issues of improving the EP, etc.

10. Internal audits organized by the department of OKM, providing monitoring of the quality of the EP and being one of the tools for assessing the EP.

11. Self-assessment of the EP according to the "Standards for internal quality assurance of educational activities of JSC SKMA" <https://clck.ru/eozW2>

EP "Pediatrics" (developer of EPHPE "SKMA") passed the examination and was included in the [Register of educational programs of higher and postgraduate education of the IS ESUVO](#).

The university has licenses for the right to conduct educational activities in the field of training specialists with higher and postgraduate professional education. The activities of the university are certified for compliance with the requirements of the international standard in accordance with ISO 9001:2015 in relation to educational activities in the field of training specialists with higher and postgraduate professional education.

Students, as consumers of educational services, both university teachers and employers participate in the work of the SC, MC, faculty council, CEP and other collegiate bodies. Learning outcomes, criteria for evaluating the final learning outcomes of disciplines, modules and EPs, WP were discussed and approved taking into account the opinions of consumers of services, which is confirmed by the presence of employers' feedback on the EP, feedback from students.

Students are members of faculty councils, committees of educational programs, methodological council, academic council; participate in the development, management and evaluation of the EP, as well as other issues related to students (table 10).

Table 10. Student members of Academic Councils

№	Name	Position	Academic Council
1	Meyirbekov Nurbolat	Student Rector	Academic Council Committee for Educational Programs Faculty of Medicine Council ethics commission
2	Nyshan Magzhan	Student Vice-Rector for Development and Innovation	Academic Council ethics commission
3	Temirbai Asylzhan	Dean of the Faculty of Medicine	Methodical advice Faculty of Medicine Council
4	Karimkyzy Altynai	Member of the Association of Students of Kazakhstan	Quality Council
5	Chapai Nurshat	Student vice-rector for educational work	Committee for Educational Programs Anti-Corruption Commission Appeal Commission
6	Tolegen Aruzhan	-	Committee for Educational Programs

Taking into account the proposals from the students, the psychological support service <https://skma.edu.kz/ru/pages/psihologicheskaya-sluzhba> began to function in 2022.

Monitoring of educational programs is carried out in order to identify compliance with the requirements of the state standard of higher education. Monitored program components are: program structure; the ratio of the mandatory part and the part formed by the participants in educational relations; types and types of practices; educational and methodological support; student assessment policy; staffing; logistics; monitoring the employment of graduates; ensures the quality of examination materials for intermediate, final certification. These components are evaluated through the approved Regulations of the internal system for assessing the quality of education with systematic monitoring, as well as state accreditation of the educational program.

Based on the information provided, it can be concluded that JSC "SKMA" monitors the educational process, systematically evaluates the results of activities, for which the relevant procedures and regulations have been developed. The monitoring results are used to improve the EP, and are aimed at the student's progress. Feedback is maintained between teaching staff, students, management, employers and other stakeholders.

Analytical part

According to this standard, the commission, having analyzed the work of the EP, noted that the Academy has a system for assessing the EP, which is based on the use of various methods of collecting, processing and analyzing information in the context of the EP and the University as a whole. The data obtained testify to the involvement in the process of teaching staff, students and staff of the university, employers.

A survey of students is being conducted using information and communication technologies, which was confirmed by the focus group participants. The results containing the evaluation of educational programs are heard at expanded meetings of the Faculty Council, COP, Methodological Council, Academic Council with the participation of heads of practical healthcare organizations.

At meetings with focus groups of teaching staff, students, to the question of what active teaching methods are used, both groups gave convincing answers and gave examples of the forms of teaching used (CBL, PBL TBL and others) in specific disciplines. Students noted that these forms of education are more motivating to attend classes and contribute to better assimilation of the material.

At a meeting with a group of teaching staff, students, members of the EEC were given an explanation in case of missing classes for a good reason, that the department organizes the development of the knowledge of the missed lesson in accordance with the consultation schedule and the availability of an order for working off from the dean's office, thereby it is possible to master the competencies of the EP "Pediatrics". The teaching staff and the students were able to give the commission an explanation on what grounds such additional classes are possible.

Thus, in general, JSC "SKMA" monitors educational and other processes, for which the relevant procedures and regulations have been developed. The monitoring results are used to improve the educational program, aimed at the progress of the student. Feedback is maintained between teachers and students, including a system of questioning satisfaction with the educational and other activities of the university, aimed at improving the educational program.

Strengths/best practice

There are no strengths in this standard.

EEC recommendations

Missing.

EEC findings on criteria:

- Strong - 0
- Satisfactory - 4
- Suggest improvements – 0
- Unsatisfactory - 0

5.8. The Standard "Management and public information"

The evidentiary part

"SKMA" JSC is a legal entity in accordance with the legislation of the Republic of Kazakhstan and carries out its activities in accordance with the Constitution of the Republic of Kazakhstan, the Civil Code of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Joint Stock Companies", regulatory documents of the Ministry of Education and Health of the Republic of Kazakhstan, the Charter of the Academy and internal regulatory acts. The Academy has its own management system that contributes to the achievement of mission and goals, supports institutional efficiency and integrity, creates and maintains an environment for learning, research and creative activity.

The development of the EP is carried out by the Committee of the educational program (EPC) "Pediatrics" <http://surl.li/gjjpg> in accordance with the SMSE. The Chairman of the EPC is approved by the order of the rector (Appendix 8.1 of the Report on the self-assessment of the primary specialized accreditation of the EP "Pediatrics").

The revision and adjustment of the EP is carried out by departments and the EPC, taking into account the updates of the SMSE and proposals received from employers and students when discussing the content of the EP at round tables, seminars, meetings, reviews, questionnaires, etc. annually. The development of the EP is regulated by the Regulation on the development of educational Programs.

The main educational, scientific and administrative structural units that implement the EP "Pediatrics" are the Faculty of Medicine, the Student Service Center, the Library and Information Center, the Department of Internship and Employment of Graduates, the Registrar's Office, the Department of Social Work and Youth Policy, the Department of Strategic Development and International Cooperation (SRiMS), the Educational and Methodological Center, Practical Skills Center, Computer Testing, Publishing Center, Student Accounting Department, Residency Department, Department of Scientific and Clinical Work, doctoral and master's degrees, Department of Administrative and Legal Support, Administrative and Economic Department. The responsible structural unit for the EP "Pediatrics" is the Dean's office of the Faculty of

Medicine.

The departments are an independent and main educational and scientific responsible structural unit for the implementation of the educational program for basic medical education of the university. The provision of Educational programs with the necessary educational resources is reflected in the Academy's Development Program.

The management of the university controls the provision of the educational process with material, technical and information resources (allocation of resources, office equipment, premises, creation of comfortable conditions, etc.) to provide the necessary resources for the implemented OP.

In accordance with the Law of the Republic of Kazakhstan "On Education" and other regulatory legal acts regulating the activities of medical higher educational institutions, "SKMA" JSC has developed and approved documents defining the scope of responsibilities and powers of "SKMA" JSC in relation to EP, including obligations to ensure the educational process in full with all necessary information sources: textbooks, teaching aids, methodological manuals and developments in academic disciplines, active handouts and instructions for independent work, electronic textbooks, access to online educational resources.

In SKMA, the distribution of financial resources is carried out in accordance with the approved Budget of income and expenses for the corresponding financial year.

Information about all types of activities of "SKMA" JSC ", in particular on the EP "Pediatrics", is regularly covered on the university's website <https://skma.edu.kz> , which is automatically published on social networks on the pages of the SKMA in Instagram https://www.instagram.com/medacadem_skma / Facebook <https://www.facebook.com/ukma.kz/> /

On the website of "SKMA" JSC <https://skma.edu.kz/ru/pages/obrazovatelnye-programmy> information is posted about the mission, goals, strategic directions of development of "SKMA" JSC implemented by the EP. Information about the PPP is posted on the website of "SKMA" JSC " <https://skma.edu.kz/> (section "Organizational structure" and departments).

Information about partners within the framework of the EP (signing of a Memorandum between the health department and "SKMA" JSC a list of clinical bases are posted on the website of "SKMA" JSC ".

The **OKM** department is certified for compliance with ISO 2015 standards. On the website of "SKMA" JSC (<https://skma.edu.kz/public/ru/pages/sector-monitoringa-i-sistemy-menedzhmenta-kachestva>) the **OKM** section contains the quality manual, quality standards, information about the audits and their results.

An annual QMS analysis is conducted by management in accordance with the internal standard of the SKMA "ST 044_010-2021 Management Analysis", in order to guarantee the continued suitability, adequacy and effectiveness of the management system, as well as to find opportunities to improve this system. The analysis of the management system of SKMA is carried out by the top management at a meeting of the Quality Council.

The results of academic activity, the effectiveness of modern forms of educational process management, prospects for further improvement of management and improvement of the quality of education are considered and discussed in the final reports of the rector, vice-rectors and heads of key structural divisions. In accordance with the requirements of the international standard ISO 9001:2015, an annual analysis is carried out by the management of the degree of achievement of the mission and objectives of the EPHPE. (<https://skma.edu.kz/ru/pages/missiya-videnie-cennosti-i-eticheskie-principy>).

The Educational Program Committee conducts a self-assessment according to internal quality assurance standards; the self-assessment report is posted on the Academy's website <http://surl.li/gjpyw> .

Thus, the university's management system, academic management, the budget for training and allocation of resources, administrative staff and management correspond to the tasks of implementing the educational program at the level corresponding to state and international

quality standards. The assessment of academic leadership is carried out based on the results of final attestations of students, state attestations, the results of independent certification of graduates, evaluation of key indicators of educational activities of the University Development Program. Evaluation of key indicators of the development strategy is carried out at the end of the calendar year. The analysis of the achievement of development indicators is carried out, coordination with the authorized structural units of the Ministry of Health of the Republic of Kazakhstan, approval at the meeting of the Academic Council.

Analytical part

The Commission notes that management structures, structural divisions and their functions have been defined in "SKMA" JSC which include academic staff, students, representatives of practical healthcare, which is confirmed by the submitted documents, the results of interviews with various focus groups. Decisions taken at different levels have transparency, are brought to the attention of interested parties by mailing by corporate email. Information about all types of activities of "SKMA" JSC ", in particular on the EP "Pediatrics", is regularly covered on the university's website <https://skma.edu.kz> , which is automatically published on social networks on the pages of the SKMA in Instagram https://www.instagram.com/medacadem_skma / Facebook <https://www.facebook.com/ukma.kz> /.

The documents submitted to the commission and on the University's website reflect information about the current QMS system; the regulatory documents of the educational organization define the responsibility of the academic leadership in relation to the development and management of the educational program (carried out according to the results of final attestations of students, state attestations, the results of independent certification of graduates, evaluation of key indicators of educational activities of the University Development Program at the end of the calendar year).

"SKMA" JSC together with the founder independently carries out financial and economic activities, developing a plan of financial and economic activities. Every year in September of the current year, on the basis of a memo from the financial and economic management of the structural divisions of the Academy, applications are formed for the next calendar year to provide material, technical and information resources. Applications are considered by the budget commission, the decisions of the commission are drawn up by the protocol, according to the results of which the purchase is carried out. The financial autonomy of the university correlates with the principles of responsibility to society for the quality of all professional training, scientific research, provision of services, with the effective disposal of funds and property. This policy does not contradict the legislation of the Republic of Kazakhstan and ensures the institutional autonomy of the University.

Compliance with the principles of efficiency, effectiveness, priority, transparency and responsibility of the financing system is monitored during the audit. The results of the audits are aimed at improving the quality of the main and auxiliary processes and are the initial data for analyzing the state and evaluating the effectiveness of the QMS, as well as making informed management decisions by the management of SKMA. The results of the audits are brought to the attention of the Academy administration, staff and stakeholders.

The departments implementing the paediatrics EP are fully staffed according to the staffing table. Currently, the departments are provided with highly qualified personnel with basic education, including Doctors of Sciences, Candidates of Sciences, masters of Medicine, associate professors and professors. The qualitative and quantitative composition of the teaching staff ensures the full organization and conduct of the educational process, and the training of students in Pediatrics. To motivate employees to improve the quality and effectiveness of activities at the university, incentive measures (grants, surcharges) have been developed, which was confirmed by the teaching staff in interviews with members of the EEC.

"SKMA" JSC " has a close interaction with the sector of practical healthcare, society, employers, including the exchange of information, the possibility of 100% employment of graduates.

Strengths/Best practices

There are no strengths according to this standard.

EEC Recommendations

Missing.

Conclusions of the EEC by criteria:

- Strong – 0
- Satisfactory – 10
- Suggest improvements – 0
- Unsatisfactory – 0

(VI) OVERVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD

The standard "Mission and final results"

According to this standard, no strengths have been identified.

The standard "Educational program"

According to this standard, no strengths have been identified.

Standard "Student Assessment Policy"

According to this standard, no strengths have been identified.

The "Students" standard.

According to this standard, no strengths have been identified.

Standard "Academic staff/Teachers"

1. The personnel potential is competent and capable of further improvement through the support of the academy administration;

2. "SKMA" JSC has implemented a policy of incentives and material rewards to employees for recognition in the implementation of pedagogical skills, achievements of scientific and clinical results;

3. The medical organization of education implements the policy of activity and development of the potential of employees. The Academy provides teaching staff with equal opportunities for the development of employees, directing them to courses for improving pedagogical and profile qualifications, professional development within the framework of competencies.

Standard "Educational resources"

1. "SKMA" JSC has sufficient material and technical base (contracts have been concluded with 42 clinical bases, "South Clinical&Genetic Laboratory" (SK&GL) and the Research Laboratory of Medicinal Plants) and its regular updating (provision of departments with interactive whiteboards, computer equipment, models, etc.), as well as the implementation of a sufficient number of scientific research projects, scientific grants, which undoubtedly correspond to the development of scientific and technological progress;

2. "SKMA" JSC has signed an agreement with China Machinery Engineering Corporation for the construction of a "University hospital with 800 beds and a clinical diagnostic center for 700 visits per shift" that meets international standards;

3. Partners of "SKMA" JSC are such universities as: "Institute of Biomedical Research University of Barcelona", Spain; Institute of Neurology University College of London, UK; University of Medicine and Pharmacy, Romania; Institute of Neurology University College

London, "St. Petersburg State Pediatric Medical University", Russia, "Tashkent Medical academy", Uzbekistan; and others, which makes it possible to achieve final results in accordance with the mission of the OP "Pediatrics";

4. "SKMA" JSC " ensures proper academic mobility of teaching staff and students to the countries of the near and far abroad, as well as within the country.

The standard "Evaluation of the educational program"

According to this standard, no strengths have been identified.

Management and Administration Standard

According to this standard, no strengths have been identified.

(VII) OVERVIEW RECOMMENDATIONS FOR QUALITY IMPROVEMENT

The standard "Mission and final results"

Management is recommended to analyze the annual reports of structural units with an assessment of strengths and weaknesses to improve the implementation of the EP "Pediatrics" (until 01.09.2023)

Standard "Educational program"

1. It is recommended to reflect alternative elective disciplines of both basic disciplines and profile disciplines in the WC EP "Pediatrics" according to the courses of training in EP "Pediatrics" (term until 01.09.2023);
2. Educational organizations are recommended to post the current ECC on the Academy's website (until 01.09.2023).;
3. "SKMA" JSC is recommended to strengthen the component on the choice (electives) of the profile disciplines for the EP "Pediatrics" to determine the individual educational trajectory of each student separately (until 01.09.2023).

The standard "Student Assessment Policy"

There are no recommendations for this standard.

Standard "Students"

There are no recommendations for this standard.

Standard "Academic staff/Teachers"

There are no recommendations for this standard.

Standard "Educational resources"

There are no recommendations for this standard.

The standard "Evaluation of the educational program"

There are no recommendations for this standard.

Management and Administration Standard

There are no recommendations for this standard.

(VIII) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION

(IX) RECOMMENDATION TO THE ACCREDITATION COUNCIL

The members of the external expert commission came to the unanimous opinion that the educational program 6B101102 "Pediatrics", implemented by the "South Kazakhstan Medical Academy" Joint Stock Company, can be accredited for a period of 5 years.

Appendix 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"

№	CRITERIA FOR EVALUATION	Position of the educational organization			
		Strong	Satisfactory	Suggests improvements	Unsatisfactory
1	STANDARD "MISSION AND RESULTS"				
1.1	STATEMENT "MISSION AND RESULTS"				
1	1.1.1. The medical education organization should define the mission of the undergraduate level educational program and widely inform the public and the healthcare sector about the stated mission.		+		
2.	1.1.2. The medical education organization should determine the mission of the educational program based on consideration of the health needs of society, the needs of the medical care system and, accordingly, other aspects of social responsibility.		+		
3	1.1.3 The medical education organization must ensure that the main stakeholders are involved in the development (formulation) of the mission of the educational program.		+		
4	1.1.4 The medical education organization must ensure that the mission of the educational program is consistent with the mission of the organization and allows the preparation of a competent specialist at the level of undergraduate medical education.		+		
5	1.1.5 The mission statement should contain the objectives and educational strategy to prepare a competent specialist at the level of undergraduate medical education.		+		
6	1.1.6 Mission of the educational program: - should correspond to available resources, opportunities and requirements of the market; - ways to support it should be determined; - access to information about the mission of the educational program for the public should be provided (availability of information on the website of the university).		+		
7	1.1.7 The mission and goals of the educational program should be discussed at the advisory boards / commissions of the university and approved by the advisory board of the university.		+		
8	1.1.8 The medical education organization must systematically collect, accumulate and analyze information about its activities in preparation for the implementation of the educational program; conduct an assessment of strengths and weaknesses (SWOT analysis), on the basis of which the leadership of a medical educational organization, together with an advisory board, should determine policy and develop strategic and tactical plans.		+		
1.2	LEARNING OUTCOMES				

9	1.2.1	The medical education institution must define the learning outcomes that prospective students should achieve as a result of the curriculum in relation to: achievements at the basic level in relation to knowledge, skills and attitudes; an appropriate basis for a future career in any branch of medicine; future roles in the health sector; subsequent postgraduate training; commitment to lifelong learning; health needs of the health of society, the needs of the health care system and other aspects of social responsibility.		+		
10	1.2.2	The medical education organization should determine the final learning outcomes in terms of general and discipline-specific / specialty components that students need to achieve upon completion of the program.		+		
11	1.2.3	The medical education organization must define the end results of training regarding the appropriate behavior and attitude towards patients and their relatives.		+		
12	1.2.4	A medical education organization must have mechanisms to guarantee the proper professional behavior and attitude of students towards students and other medical personnel, teachers, other healthcare workers, and compliance with the Code of Honor.		+		
13	1.2.5	The medical education organization must inform the public about the established end results of the program in the relevant specialties.		+		
14	1.2.6	A medical education organization should guarantee the continuity between the end results of training in basic and postgraduate medical education programs.		+		
	1.3	PARTICIPATION IN THE FORMULATION OF THE MISSION AND OUTCOMES				
15	1.3.1	The medical education organization should determine the mechanisms for involving stakeholders in the formulation of the mission and final learning outcomes for the educational program.		+		
16	1.3.2	The medical education organization should formulate the mission of the educational program and determine the final learning outcomes of the program, taking into account proposals from other interested parties, which are representatives of other medical specialties, patients, society, organizations and authorized health authorities, professional organizations and medical scientific societies.		+		
		Total	0	16	0	0
	2.	Standard "Educational Program"				
		Content of the Basic Medical Education Program				
17	2.1.1	A medical education organization should define a model of an educational program that includes an integrated model based on disciplines, organ systems, clinical problems and diseases, a model based on modules or a spiral design.		+		
18	2.1.2	The medical education organization must ensure that the content of the program meets the requirements of the State Educational Standard of the Republic of Kazakhstan and provide the breadth of training of specialists in accordance with the name of the program and the necessary depth of training in the field determined by the specialty.		+		
19	2.1.3	The medical education institution should describe the content, scope and sequence of courses and other elements of the educational program in order to ensure that an appropriate balance is maintained between the basic biomedical, clinical, behavioral and social disciplines.		+		
20		The medical education organization should provide mechanisms		+		

	2.1.4	for providing the possibility of elective content (electives) and determine the balance between the compulsory and elective parts of the educational program, including a combination of mandatory elements and electives or special components of choice;				
21	2.1.5	The medical education institution should use appropriate teaching and learning methods and ensure the integration of practice and theory components that include didactic sessions and patient care experience as well as independent and active learning.		+		
22	2.1.6	The medical education organization must ensure that the training will be carried out in accordance with the principles of equality.		+		
23	2.1.7	A medical education institution should use a student-centered approach to teaching that encourages, prepares and supports future students to take responsibility for their own learning process and demonstrate in their practice.		+		
24	2.1.8	The medical education organization should provide mechanisms for regular evaluation and feedback, informing about the program and the rights and obligations of prospective students, and also include obligations on ethics in the program.		+		
25	2.1.9	The medical education organization should provide mechanisms for increasing the independence and responsibility of students regarding their knowledge, skills and development of experience.		+		
26	2.1.10	The medical education institution should recognize gender, cultural and religious differences and prepare future students for appropriate relationships with patients.		+		
27	2.1.11	The medical education organization must organize educational programs with due attention to patient safety and autonomy. The medical education organization should determine the mechanisms for involving stakeholders in the formulation of the mission and final learning outcomes for the educational program.			+	
	2.2.	SCIENTIFIC METHOD				
28	2.2.1	The educational program should contain disciplines aimed at developing analytical and critical thinking, such as the scientific foundations and methodology of medical research, including clinical research.		+		
29	2.2.2	The medical education organization must ensure that future students will study and know evidence-based medicine, which should be an integral part of the educational program.		+		
30	2.2.3	The medical education organization should provide for the teaching and learning of a critical assessment of literature, articles and scientific data, the application of scientific developments.		+		
	2.3.	BASIC BIOMEDICAL SCIENCES, BEHAVIORAL, SOCIAL SCIENCES AND MEDICAL ETHICS				
		The medical education organization must determine and include in the educational program:				
31	2.3.1	achievement of basic biomedical sciences to form students' understanding of scientific knowledge;		+		
32	2.3.2	concepts and methods that are fundamental to the acquisition and application of clinical scientific knowledge.		+		
33	2.3.3	The medical education organization should identify and include in the educational program achievements that will provide the knowledge, concepts, methods, skills and attitudes necessary to understand the socio-economic, demographic and cultural conditions of the causes, distribution and consequences of medical health problems, as well as knowledge about the national system health and patient rights, which will contribute to the analysis of public health problems, effective communication, clinical		+		

		decision-making and ethical practice, by including disciplines in the field of behavioral sciences in the EP; социальных наук; медицинской этики; медицинской юриспруденции.				
	2.4	CLINICAL SCIENCES AND SKILLS				
34	2.4.1	The medical education institution should identify and implement the achievements of the clinical sciences in the educational program and ensure that students acquire sufficient knowledge, clinical and professional skills in order to take on appropriate responsibilities, including activities related to health promotion, disease prevention and patient care. ;		+		
35	2.4.2	The medical education organization must provide for at least one third of the educational program in the expected contacts with patients on developing bases;		+		
36	2.4.3	The medical education organization should set a certain amount of time for teaching the main clinical disciplines, including internal medicine, surgery, psychiatry, general medical practice (family medicine), obstetrics and gynecology, pediatrics.		+		
37	2.4.4	The medical education organization should provide mechanisms for organizing clinical training with appropriate attention to patient safety, including monitoring the actions performed by the student in clinical settings.		+		
38	2.4.5	The medical education institution should ensure that each student will have early contact with real patients, including his gradual participation in patient care, including responsibility for the examination and / or treatment of the patient under supervision, which will be carried out in appropriate clinical sites.		+		
39	2.4.6	The medical education organization should structure the various components of clinical skills training in accordance with the specific stage of the training program.		+		
	2.5	PROGRAM MANAGEMENT AND TRAINING ORGANIZATION				
40	2.5.1	The medical education organization must determine the structural unit(s) responsible for basic educational programs, and having the authority to plan and implement the educational program, including the allocation of allocated resources for planning and implementing teaching and learning methods, assessment students and evaluation of the educational program and courses of study to achieve learning outcomes.		+		
41	2.5.2	The medical education organization should provide for representation from teachers and students in the structures / councils / commissions responsible for educational programs.		+		
42	2.5.3	A medical education organization should guarantee training in various clinical settings, which are characterized by the profile of clinics, various categories of patients, the level of medical care (primary medical care, specialized medical care, highly specialized medical care), hospitals and outpatient clinics.		+		
43	2.5.4	The medical education organization should provide mechanisms for introducing innovation into the educational program.		+		
		Total	0	26	1	0
	3.	STANDARD "STUDENT ASSESSMENT POLICY" ASSESSMENT METHODS				
44	3.1.1	The medical education institution should formulate and implement a student assessment policy that includes principles, objectives, methods and practices for student assessment, including the number of examinations and other tests, maintaining a balance between written and oral examinations, using criteria-based and		+		

		reasoning-based assessment methods, and special exams (OSCE or Mini-clinical exam), as well as determine the criteria for establishing passing scores, grades and the number of allowed retakes;				
45	3.1.2	A medical education organization should use a set of assessment methods and formats in accordance with their "applicability", which includes a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and formats in relation to the established learning outcomes.		+		
46	3.1.3	The medical education organization should examine and document the reliability, validity, and fairness of assessment methods.		+		
47	3.1.4	A medical education organization should use a system of appealing the results of an assessment based on the principles of fairness and through compliance with the legal process.		+		
48	3.1.5	The medical education organization should ensure that the assessment process and methods are open (available) for examination by external experts.			+	
	3.2	THE RELATIONSHIP BETWEEN ASSESSMENT AND TRAINING				
49	3.2.1	The medical education organization should use assessment principles, methods and practices that are compatible with established learning outcomes and learning methods.		+		
50	3.2.2	A medical education organization should have mechanisms for providing timely, specific, constructive and fair feedback to future students based on the results of assessing their knowledge and skills.		+		
51	3.2.3	The medical educational organization should use the principles, methods and practices of assessment that promote integrated learning and involvement in practical clinical work, the achievement of learning outcomes provide interprofessional learning.		+		
		Total	0	7	1	0
	4.	STANDARD STUDENTS ADMISSION POLICY AND SELECTION				
52	4.1.1	The medical educational institution must define and implement an admissions policy, including established regulations/rules for the student selection process, which includes the justification and selection methods;		+		
53	4.1.2	The medical educational organization must have a policy and implement the practice of accepting students with disabilities in accordance with the current laws and regulations of the country;		+		
54	4.1.3	The medical educational organization must have a policy and implement the practice of transferring students from other programs and medical education organizations.		+		
55	4.1.4	The medical educational organization must guarantee the transparency of the selection procedure and equality of access to basic education.		+		
56	4.1.5	The medical educational organization should develop an appeal procedure against the decision of the selection committee.		+		
	4.2	NUMBER OF STUDENTS				
57	4.2.1	The medical educational organization must determine the number of accepted students in accordance with the logistical and capabilities at all stages of education and training, and making a decision on the recruitment of students implies the need to regulate national requirements for health workforce, in the case		+		

		when medical education organizations do not control the number of recruited students, then you should demonstrate your commitment by explaining all the relationships, paying attention to the consequences of the decisions made (imbalance between student recruitment and the logistical and academic potential of the university).				
58	4.2.2	The medical educational institution should have available information on the health needs of the community, which includes considering a balanced recruitment according to the gender, ethnic and social characteristics of the population, including the potential need for a special recruitment and admission policy for their groups of small peoples and students from rural areas.		+		
59	4.2.3	The medical educational organization should determine the number of students through consultation with stakeholders.		+		
	4.3	SUPPORT AND ADVICE TO STUDENTS				
60	4.3.1	A medical education institution must have a system of academic counseling for future students.		+		
61	4.3.2	A medical educational organization should have student support mechanisms focused on social, financial and personal needs, allocating appropriate resources for social and personal support.		+		
62	4.3.3	The medical educational institution must guarantee the confidentiality of counseling and support.		+		
63	4.3.4	The medical education organization should provide for the allocation of resources to support students		+		
64	4.3.5	The medical educational organization should provide support in the event of a professional crisis and problem situations.		+		
	4.4	STUDENT REPRESENTATION				
65	4.4.1	The medical educational organization should develop and implement a policy on the representation of students, including in the formulation of the mission and outcomes of training, participation in the development of the training program, planning of working conditions, evaluation of the training program, management of the training program, and other issues related to students, which includes student government, participation of student representatives in faculty, university and other relevant bodies, as well as in social activities and local health projects.		+		
		Total	0	14	0	0
	5.	STANDARD "ACADEMIC STAFF/TEACHERS"				
66	5.1.1	A medical educational organization should develop and implement a policy for the recruitment and admission of teachers, employees, determines their category, responsibility and balance of the academic staff / teachers of basic biomedical sciences, behavioral and social sciences and clinical sciences for the adequate implementation of the educational program, including the proper balance between teachers of medical and non-medical profile, full-time and part-time faculty and balance between academic and non-academic staff;		+		
67	5.1.2	The medical education organization should, in its selection policy, take into account the criteria for the scientific, pedagogical and clinical merit of applicants, including the proper balance between pedagogical, scientific and clinical qualifications;		+		
68	5.1.3	The medical education organization must determine and implement a policy of activity and development of employees that allows you to maintain a balance between teaching, scientific and service functions, which includes setting the time for each type of activity, taking into account the needs of the medical education		+		

		organization and the professional qualifications of teachers;				
69	5.1.4	The medical education institution should implement a policy of activity and development of employees that guarantees the recognition of the merit of academic activity, with an appropriate emphasis on teaching, research and clinical qualifications and is carried out in the form of awards, promotions and / or remuneration;	+			
70	5.1.5	The medical education organization must implement an employee activity and development policy that guarantees the sufficiency of knowledge by each employee of the educational program, which includes knowledge of teaching / learning methods and the general content of the educational program, and other disciplines and subject areas in order to stimulate cooperation and integration;		+		
71	5.1.6	A medical education institution should implement a staff activity and development policy that includes training, development, support and evaluation of faculty activities, which involves all faculty, not only newly hired, but also faculty recruited from hospitals and clinics.		+		
72	5.1.7	When selecting employees / teachers, a medical education organization should take into account the attitude to its mission, the significance of local conditions, including gender, nationality, religion, language and other conditions related to the medical education organization and the educational program;		+		
73	5.1.8	A medical education organization should develop and implement a policy for the promotion of employees/teachers.		+		
		Total	1	7	0	0
	6.	STANDARD "EDUCATIONAL RESOURCES" LOGISTICS AND EQUIPMENT				
74	6.1.1	The medical education organization must have sufficient material and technical base for teachers and students to ensure adequate implementation of the educational program;	+			
75	6.1.2	A medical education organization must provide a safe environment for employees, students, patients and those who care for them, including providing the necessary information and protection from harmful substances, microorganisms, observing safety rules in the laboratory and when using equipment.		+		
76	6.1.3	The medical education organization should provide the necessary resources for students to acquire adequate clinical experience, including the number and categories of clinical sites, which include clinics (for primary, specialized and highly specialized care), outpatient services (including PHC), primary health care facilities care centres, health care centers and other community health care settings, and clinical skills centers/laboratories that allow clinical training to take advantage of the facilities of clinical sites and provide rotation in major clinical disciplines; sufficient number and category of patients; opportunities to observe the clinical practice of students.	+			
77	6.1.4	The medical education organization should improve the learning environment for students through regular renewal, expansion and strengthening of the material and technical base, which should correspond to the development in teaching practice.		+		
	6.2	INFORMATION TECHNOLOGY				
78	6.2.1	The medical education organization must define and implement a policy that is aimed at the effective use and evaluation of appropriate information and communication technologies in the educational program.		+		

79	6.2.2	A medical education organization should provide library resources, including a fund of educational, methodological and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases.		+		
80	6.2.3	The medical educational organization must provide access to educational Internet resources, the functioning of WI-FI on the territory of the educational organization		+		
81	6.2.4	The medical education organization should provide teachers and students with opportunities to use information and communication technologies for self-study; access to information; patient management; work in the healthcare system.		+		
82	6.2.5	The medical education organization should ensure that students have access to relevant patient data and health information systems.		+		
	6.3	MEDICAL RESEARCH AND SCIENTIFIC ACHIEVEMENTS				
83	6.3.1	The medical education organization should have research activities in the field of medicine and scientific achievements as the basis for the educational program;		+		
84	6.3.2	The medical education organization must define and implement a policy that promotes the relationship between research and education;		+		
85	6.3.3	The medical education organization must provide information on the research base and priority areas in the field of scientific research of the medical education organization.		+		
86	6.3.4	The medical education organization should ensure that the relationship between research and education is taken into account in teaching; encourages and prepares students to participate in scientific research in the field of medicine and its development.		+		
	6.4	EXPERTISE IN THE FIELD OF EDUCATION				
87	6.4.1	The medical education organization must have access to educational expertise, and conduct expertise that studies, practices and deals with the problems of medical education and may involve doctors with experience in medical education research, psychologists and sociologists in the field of education who oversee the development department medical education. university or the involvement of experts from other national and international institutions.		+		
88	6.4.2	The medical education organization should have access to expertise in the field of education, and conduct expertise that studies the processes, practices and problems of medical education and may involve doctors with experience in conducting research in medical education, psychologists and sociologists in the field of education, which is provided by the department of medical education development university or by engaging experts from other national and international institutions.		+		
89	6.4.3	The medical education organization should provide evidence of the use of internal or external expertise in the field of medical education to develop the capacity of employees;		+		
90	6.4.4	The medical education organization should pay due attention to the development of expertise in the evaluation of education and in research in medical education as a discipline that includes the study of theoretical, practical and social issues in medical education;		+		
91	6.4.5	A medical education organization should promote the aspirations and interests of employees in conducting research in medical				

		education.				
	6.5	EXCHANGE IN THE SPHERE OF EDUCATION				
92	6.5.1	The medical education institution should define and implement a policy for cooperation at the national and international levels with other medical schools, schools of public health, faculties of dentistry, pharmacy and other university faculties;		+		
93	6.5.2	A medical education organization should have mechanisms for transferring and offsetting educational loans, which can be facilitated by the conclusion of agreements on mutual recognition of elements of an educational program and active coordination of programs between universities and the use of a transparent system of credit units and flexible course requirements.		+		
94	6.5.3	The medical education organization should promote the regional and international exchange of employees (academic, administrative and teaching staff) and students, providing appropriate resources;		+		
95	6.5.4	Medical education organization should ensure that the exchange is organized in accordance with the objectives, taking into account the needs of staff, students, and ethical principles.		+		
		Total	2	20	0	0
	7.	STANDARD "EDUCATIONAL PROGRAM EVALUATION"				
96	7.1	A medical education organization should have mechanisms for monitoring the educational program, taking into account the mission, the required learning outcomes, the content of the educational program, the assessment of knowledge and skills, and educational resources.		+		
97	7.2	The medical education organization should evaluate the program in relation to the student admission policy and the needs of the education and healthcare system in medical personnel.		+		
98	7.3	The medical education organization must guarantee the participation of stakeholders in the evaluation of the program.		+		
99	7.4	The medical education organization follows an assessment of the scope of the process and the results of the educational program to discover all the detected parties.			+	
		Total	0	3	1	0
	8.	STANDARD "GOVERNANCE AND INFORMATION OF THE PUBLIC"				
100	8.1	The medical education organization must determine the structural unit responsible for educational programs and the achievement of the final learning outcomes.		+		
101	8.2	The structural unit responsible for educational programs should have the authority to plan and implement the educational program, including the allocation of allocated resources for planning and implementing teaching and learning methods, student assessment, evaluation of the educational program and courses of study.		+		
102	8.3	The medical education organization should define the responsibilities and duties of the management/employees for basic medical education.		+		
103	8.4	A medical education organization should have a clear set of responsibilities and powers to provide educational programs with resources, including a target budget for training, should allocate the resources necessary for the implementation and implementation of the training program and distribute educational resources in accordance with needs.		+		
104	8.5	The medical education organization must publish accurate, objective, up-to-date information about the specifics of the EP,		+		

		which should include ongoing programs, indicating the expected learning outcomes; information on the possibility of awarding qualifications at the end of the EP; information about teaching, learning, assessment procedures; information about passing scores and learning opportunities provided to students; information about employment opportunities for graduates.				
105	8.6	A medical education organization should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties.		+		
106	8.7	A medical education organization should publish adequate and objective information about the teaching staff of the EP, about cooperation and interaction with partners within the EP.		+		
107	8.8	A medical education organization must demonstrate the reflection on the web resource of information that characterizes the university as a whole and in the context of educational programs.		+		
108	8.9	The medical education institution should develop a management quality assurance program, including regular reviews.		+		
109	8.10	The medical education organization should ensure the transparency of the management system and the decisions made, which are published in bulletins, posted on the website of the university, included in the protocols for review and execution.		+		
		Total:	0	10	0	0
		TOTAL:	3	103	3	0

Appendix 2. PROGRAM OF THE VISIT TO THE ORGANIZATION OF EDUCATION

Date and time	EEC work with target groups	Position and name of target group participants	Contact form
18 April, 2023			
20.00-21.00	Preliminary meeting of the EEC	External experts IAAR	<p>Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09</p> <p>Conference ID: 389 293 1765 Password: 334352 (only for EEC)</p>
Day 1: April 19, 2023			
10.00-10.30	Distribution of responsibility of experts, solution of organizational issues	External experts IAAR	<p>Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09</p> <p>Conference ID: 389 293 1765 Password: 334352 (only for EEC)</p>
10.30 – 11.10	Interview with the rector	Rector - Rysbekov Myrzabek Myrzashevich, Doctor of Medical Sciences, Professor	<p>Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09</p> <p>Conference ID: 389 293 1765 Password: 334352</p>
11.10-11.25	Technical break		
11.25-12.05	Meeting with vice-rectors	1) First Vice-Rector - Esirkepov Marlen Makhmudovich, Candidate of Medical Sciences, Professor 2) Vice-Rector for Financial and Economic Activities – Seitzhanova Zhanna Serikzhanovna, MBA 3) Vice-rector for educational and methodological work - Anartayeva Maria Ulasbekovna, MD, Associate Professor	<p>Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09</p> <p>Conference ID: 389 293 1765 Password: 334352</p>
12.05-12.20	Technical break		
12.20-13.00	Meeting with the heads of structural divisions	1) The Head of the department of scientific and clinical work, doctoral studies and magistracy - Zhaksylyk Alikhan Altynkhanovich 2) The Head of the department of strategic development and international cooperation -	<p>Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09</p>

	of the NGO	<p>Akhmetova Alma Abdugarimovna</p> <p>3) Chief Accountant - Dinara Ashirkhanovna Baimbetova</p> <p>4) The Head of the department of administrative and legal support - Kabishtaev Orynbasar Abdugarimovich</p> <p>5) The Head of the educational and methodological center - Doltaeva Bibigul Zaydullaevna</p> <p>6) The Head of the Human Resources Department - Eleusizova Gulsara Lesovna</p> <p>7) The Head of the center of practical skills (CPS) - Kalmenov Nurlan Zhumanovich</p> <p>8) Dean of internship and employment of graduates - Kemelbekov Kanatzhan Saukhanbekovich</p> <p>9) The Head of the registrar's office - Syzdykova Saulet Akmurzaevna</p> <p>10) The Head of the Library Information Center (LIC) - Raushan Iskakovna Darbicheva</p> <p>11) The Head of the Computer-testing, publishing center (CTIC) - Uksikbaev Maksat</p> <p>12) The Head of the Department for Social Affairs and Youth Policy - Salim Yerbol Kaltursynovich</p> <p>13) Head of Quality Assurance and QMS Department Erzhanov Nurlan Amirovich</p> <p>14) The Head of the Department of DET Khalmetova Shakhnoza Abdulakimovna</p> <p>15) The Head of the student registration department - Zhipsibaeva Urzhan Konakbaevna</p> <p>16) Director of the Department of AChE - Yunusov Samukhzhhan Kasymovich</p> <p>17) The Head of the office - Spataeva Gulnara Zhangubekovna</p> <p>18) Compliance officer - Pernebaev Nurgali Alikhanovich</p> <p>19) Office of commercialization - Bekarysova Dana</p>	<p>Conference ID: 389 293 1765</p> <p>Password: 334352</p>
13.00-14.00	Lunch		
14.00-14.15	EEC's work	External experts IAAR	<p>Link</p> <p>https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09</p> <p>Conference ID: 389 293 1765</p> <p>Password: 334352 (only for EEC)</p>
14.15-15.00	Interviews with deans	<p>1) The Head of the department of scientific and clinical work, doctoral studies and magistracy - Zhaksylyk Alikhan Altynkhanovich</p> <p>2) Dean of the Faculty of Medicine - Sagtaganov Zhaksybek Ilisbekovich</p> <p>3) Head of the residency department - Bektenova</p>	<p>Link</p> <p>https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09</p>

		Gulmira Erseitovna 4) Dean of the International Faculty - Tolbasieva Arailym Aibatillaevna 5) Dean of internship and employment of graduates - Kemelbekov Kanatzhan Saukhanbekovich 6) Dean of the Faculty of Pharmacy - Umurzakhova Galia Zhanbyrbaevna	Conference ID: 389 293 1765 Password: 334352
15.00-15.15	Technical break		
15.15-16.00	Interviews with the leaders of the EP, heads of departments	Heads of departments, Appendix 1	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
16.00-16.15	Technical break		
16.15-17.00	Interview with teaching staff EP	Teachers of the EP, Appendix 2	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
17.00-18.30	Questioning of teaching staff (in parallel)	Teachers of the EP, Appendix 2	The link was sent to the e-mail of the teacher personally
17.00-17.15	Technical break		
17.15-18.30	Visual inspection	Medicinal Plants Laboratory Computer Test Publishing Center SKMA Museum Anatomical Museum Genomic Research Laboratory Library and Information Center Dining room Hall Model of the Hospital University dental clinic Practical Skills Center Dormitory	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
18.30-18.40	Работа ВЭК. Подведение итогов первого	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09

	дня		Conference ID: 389 293 1765 Password: 334352 (only for EEC)
Day 2: April 20, 2023			
10.00- 10.15	EEC`s work	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
10.15- 10.30	Technical break		
10.30- 11.10	Interviews with EP students (in parallel)	Students, Appendix 3	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
11.10- 12.30	Questionnaire of students (in parallel)	Students, Appendix 3	The link was sent to the instructor's email.
11.10- 11.25	Technical break		
11.25- 13.00	Work with the documents of the departments and attendance of teaching staff classes according to the schedule (Appendix 1A with links to classes)	Schedule, Appendix 4	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
13.00- 14.00	Lunch		
14.00- 14.15	EEC`s work	External experts IAAR	Link https://us02web.zoom.us

			/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
14.15-14.30	Technical break		
14.30-16.00	Visiting the practice bases of the EP	Practice bases, Appendix 5	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
16.00-16.15	Technical break		
16.15-16.30	EEC's work discussion	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
16.30-17.10	Interviews with EP employers	Employers' representatives, Appendix 6	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
17.10-17.15	Technical break		
17.15-18.00	Interviews with graduates of the EP	Graduates, Appendix 7	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
18.00-18.10	Technical break		
18.10-20.10	EEC work, discussion of the	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oNQ0dEhSdz09

	results of the second day and profile parameters (recording is ongoing)		1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
Day 2: April 21, 2023			
10.00-11.30	The work of the EEC development and discussion of recommendations (recording)	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
11.30-11.45	Technical break		
11.45-13.00	EEC work, development and recommendations	External experts IAAR	(Individual work of the expert)
13.00-14.00	Lunch		
14.00-16.00	The work of the EEC discussion, decision-making by voting (recorded)	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)
16.00-17.00	Preparation by the chairman of information on the results of an external evaluation	Chairman of the EEC	(Individual work of the chairman)
17.00-17.40	Final meeting of the EEC with	Heads of the university and structural divisions	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09

	the leadership of the university		1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352
17.40-17.55	Technical break		
17.55-19.00	Work of the EEC, Discussion of the results of the quality assessment	External experts IAAR	Link https://us02web.zoom.us/j/3892931765?pwd=Tk9MYWptb2dnV01YMm1oN0Q0dEhSdz09 Conference ID: 389 293 1765 Password: 334352 (only for EEC)

Appendix 3. RESULTS OF THE TEACHER'S QUESTIONNAIRE

Total number: 159

1. Your department/faculty?

Faculty of Pharmacy	45,9%
Faculty of Medicine	44%
Internship	2,5%
International Faculty	2,5%
Others	5,1%

2. Your position

Senior Teacher	35,8%
Teacher	28,3%
Docent (Assistant professor)	18,9%
Professor	6,3%
Head of department	2,5%
Assistant	7,5%
Department assistant	0,6%

3. Academic degree, academic title

Doctor of science	2,5%
Candidates	22,6%

Master	46,5%
PhD	3,1%
Professor	2,5%
Docent (Assistant professor)	5%
Honored Worker	0,6%
Without academic degree	23,9%
Others	0,6%

4. Work experience in this university

Over 5 years	47,4 %
1- 5 years	29,5 %
Less than 1 year	6,4 %
Others	16,7%

5. How satisfied the content of the educational program?

Good	51,6 %
Very good	47,8%
Relatively bad	0,6%

6. Does the university provide an opportunity for continuous development of teachers?

Very good	43,4 %
Good	52,2 %
Relatively bad	1,9 %
Bad	2,5%

7. What extent can teachers use their own strategies to?

Very good	36,5%
Good	57,2 %
Relatively bad	4,4%
Bad	1,9%

8. To what extent can teachers use their own methods?

Very good	46,5 %
Good	50,9 %
Relatively bad	1,9 %
Bad	0,6 %

9. To what extent can teachers use their own innovations in the learning process?

Very good	50,9 %
Good	46,5 %
Relatively bad	2,5 %

11. How is the attention of the management of the educational institution paid to the content of the educational program?

Very good	52,2 %
Good	46,5 %
Relatively bad	1,3 %

12. How do you assess the availability of the necessary scientific and educational literature in the library for teachers?

Very good	52,2 %
Good	44,7 %
Relatively bad	2,5 %
Bad	0,6 %

13. Assess the level of development of conditions for students with different physical abilities?

Very good	35,8 %
Good	59,7 %
Relatively bad	1,9 %
Bad	1,9 %
Very bad	0,6 %

14. Оцените доступность высшего руководства студентам

Очень хорошо	47,8 %
хорошо	49,7 %
Относительно плохо	2,5 %

15. Assess the accessibility of top management to faculty

Very good	44 %
Good	49,1 %
Relatively bad	4,4 %
Bad	1,9%
Very bad	0,6%

16. Assess the involvement of teaching staff in the process of making managerial and strategic decisions

Very good	29,6 %
Good	59,1 %
Relatively bad	6,9 %
Bad	2,5 %
Very bad	1,9 %

17. How is the innovation activity of teaching staff encouraged?

Very good	38,4 %
Good	51,6 %
Relatively bad	6,3 %
Bad	2,5 %
Very bad	1,3%

18. Assess the level of feedback from teaching staff with management

Very good	42,1 %
Good	50,3 %
Relatively bad	5 %
Bad	1,9 %
Very bad	0,6 %

19. What is the level of stimulation and involvement of young professionals in the educational process?

Very good	42,1 %
Good	49,7 %
Relatively bad	5,7 %
Bad	2,5 %

20. Assess how equal opportunities are given to all teaching staff

Very good	38,4 %
xopomno	56,6 %
Relatively bad	3,1 %
Bad	1,3 %
Very bad	0,6 %

21. Assess the adequacy of recognition of the potential and abilities of teachers

Very good	37,7 %
Good	57,2 %
Relatively bad	3,8 %
Bad	0,6 %
Very bad	0,6 %

22. How is the work on academic mobility organized?

Very good	35,8 %
Good	57,9 %
Relatively bad	5%
Bad	1,3 %

23. How is the work to improve the qualifications of teaching staff organized?

Very good	40,3 %
Good	52,8 %
Relatively bad	3,8 %
Bad	3,1 %

24. Evaluate the support of the university and its leadership for the research initiatives of the teaching staff

Very good	39 %
Good	53,5 %
Relatively bad	6,3 %
Bad	0,6 %
Very bad	0,6 %

25. Assess the speed of development of new educational programs

Very good	40,9 %
Good	57,2 %
Relatively bad	1,3 %
Bad	0,6 %

26. Assess the level of faculty's ability to combine teaching with research

Very good	32,1 %
Good	56 %
Relatively bad	9,4 %
Bad	1,3 %
Very bad	1,3 %

27. Assess the level of the teaching staff's ability to combine teaching with practical activities

Very good	32,7 %
Good	59,7 %
Relatively bad	6,3 %
Bad	0,6 %
Very bad	0,6 %

28. Assess the extent to which students' knowledge obtained at this university corresponds to the realities of the requirements of the modern labor market

Very good	36,5 %
Good	61,6 %
Relatively bad	1,3 %
Very bad	0,6 %

29. How does the leadership and administration of the university perceive criticism?

Very good	25,8 %
Good	54,7 %
Relatively bad	13,2 %
Bad	5 %
Very bad	1,3 %

30. In your opinion, how do the curricula of educational organizations form the ability of students to analyze situations and make forecasts?

Very good	30,2 %
Good	66,7 %

Relatively bad	2,5 %
Very bad	0,6 %

31. Assess how much the share of the rate assigned to you corresponds to your desires and possibilities?

Very good	30,2 %
Good	55,3 %
Relatively bad	10,1 %
Bad	3,8 %
Very bad	0,6 %

32. Why do you work in this university?

Like

Like the profession

I like

Prestige

like

I like

Super university

Graduater

Moving to this city

Opportunity for professional development and career advancement

Good incentive + career growth

There is a perspective

I am a patriot of my university and I really like the work in our academy

I love this university

Because I love my job

I defended my Ph.D. thesis at SKMA. Much attention is paid to clinical pharmacology at the university.

Like teaching

Promising university

promising university

I like the method of teaching and healing

Because everything is transparent, objective. There is an opportunity for career growth for creative work

Very potential university

Because I'm used to the team

discipline high I like it, there is support from management and career growth

Because it is easier to work with students than with students

Native University

It happened

Can't find another job

Super university

Like to teach

Everything suits me

Difficult to answer

I think this university is one of the best

Good university

Because I know this university and its kings of employees for a long time

I like teaching and working with interns

The team is very good, I like working with students

good conditions and perspective

Arranges

I like to work at the university
 good university
 Ttt
 I like the academy in all EPs
 Good conditions for career growth
 used to
 Necessary
 For further development
 Ability to teach in English
 Because
 I like this job
 professional activities, career development...
 I like the university, conditions, atmosphere, prestigious
 I'm satisfied in every way
 By profession
 I studied here
 I like to teach
 In our region, there is no other worthy medical university or medical faculty in other universities
 In order to train highly qualified specialists

33. How often do you have workshops and lectures with practitioners in your course?

Very often	25,2 %
Often	46,5 %
Sometimes	25,2 %
Very rarely	2,5 %
Never	0,6 %

34. How often do additionally invited teachers participate in the learning process?

Very often	17 %
Often	46,5 %
Sometimes	31,4 %
Very rarely	2,5 %
Never	2,5 %

35. Как часто Вы сталкиваетесь в своей работе со следующими проблемами:

Often	12,6 %
Sometimes	44,7 %
Never	42,8 %

35.2 Unbalanced study load by semesters

Often	5 %
Sometimes	47,2 %

Never	47,8 %
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35.3 Unavailability of required books in the library

Often	5 %
Sometimes	30,2 %
Never	64,8 %

35.4 Переполненность учебных групп (слишком большое количество студентов в группе)

часто	18,9 %
иногда	37,1 %
никогда	44 %

35.5 Inconvenient schedule

Often	11,3 %
Sometimes	42,8 %
Never	45,9 %

35.6 Poor classroom conditions

Often	8,3 %
Sometimes	31,4 %
Never	60,3 %

35.7 No internet access

Often	8,2 %
Sometimes	28,9 %
Never	62,9 %

35.8 Low discipline of students

Often	2,5 %
Sometimes	44 %
Never	53,5 %

35.9 Untimely receipt of information about events

Often	2,5 %
Sometimes	31,4 %

Never	66 %
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35.10 Lack of technical facilities in classrooms

Often	6,9 %
Sometimes	42,8 %
Never	50,3 %

35.11 Other problems

No

No

No

The salary is meager

No problem

no problem

Don't know

Class starts at 8.00

Low salary of teaching staff

Not available

If there are problems, they are solved at every level.

The problem was not

Low salary, no incentives, bonuses. Big load hours.

Ttt

Very low salary, even comparatively

The salary is very small

Lots of student group. Little practice

No problems

There is no opportunity to implement an additional allowance, non-working KPI.

No problem

No problem

Pay for professional development

36. There are many different sides and aspects in the life of the university, which in one way or another affect every teacher and employee. Rate how satisfied you are:

Completely satisfied	52,8 %
Partially satisfied	37,1 %
Not satisfied	2,5 %
Difficult to answer	7,5 %

36.2 Relationships with direct management

Completely satisfied	67,3 %
Partially satisfied	27,7 %
Not satisfied	0,6 %
Difficult to answer	4,4 %

36.2 Relationships with direct management

Completely satisfied	67,3 %
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Partially satisfied	27,7 %
Not satisfied	0,6 %
Difficult to answer	4,4 %

36.3 Relationships with colleagues in the department

Completely satisfied	86,8 %
Partially satisfied	12,6 %
Difficult to answer	0,6 %

36.4 Participation in management decision making

Completely satisfied	51,6 %
Partially satisfied	35,8 %
Not satisfied	7,5 %
Difficult to answer	5%

36.5 Relations with students

Completely satisfied	83%
Partially satisfied	16,4 %
Difficult to answer	0,6 %

36.6 Recognition of your successes and achievements by the administration

Completely satisfied	57,9 %
Partially satisfied	32,7 %
Not satisfied	5,7 %
Difficult to answer	3,8

36.7 Recognition of your successes and achievements by the administration

Completely satisfied	61 %
Partially satisfied	31,4 %
Not satisfied	4,4 %
Difficult to answer	3,1 %

36.8 Terms of pay

Completely satisfied	30,8 %
Partially satisfied	35,8 %

Not satisfied	5,7 %
Difficult to answer	27,7 %

36.9 Convenience of work, services available at the university

Completely satisfied	54,7 %
Partially satisfied	37,1 %
Not satisfied	3,8 %
Difficult to answer	4,4 %

36.10 Occupational health and safety

Completely satisfied	66,7 %
Partially satisfied	28,3 %
Difficult to answer	3,1 %
Not satisfied	1,9 %

36.11 Management of changes in the activities of the university

Completely satisfied	54,7 %
Partially satisfied	35,8 %
Difficult to answer	7,5 %
Not satisfied	1,9 %

36.12 Provision of benefits: rest, sanatorium treatment, etc.

Completely satisfied	30,2 %
Partially satisfied	25,8 %
Difficult to answer	14,5%
Not satisfied	29,6 %

36.13 Food system, medical and other services

Completely satisfied	37,7 %
Partially satisfied	28,3 %
Difficult to answer	13,2 %
Not satisfied	20,8 %

36.14 Food system, medical and other services

Completely satisfied	40,3 %
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Partially satisfied	29,9 %
Difficult to answer	13,6 %
Not satisfied	16,2 %

Appendix 4. RESULTS OF STUDENT QUESTIONNAIRE

Total number: 94

1. What is your educational program?

General medicine	31,9%
Medicine	2,1%
Stomatology	13,8 %
Pediatrics	6,4 %
TPhI	3,2 %
Others	42,6%

2. Gender

Male	42,6%
Female	59,6 %

3. How satisfied are you with: 3.1 Relations with the dean's office

Completely satisfied	81,9 %
Partially satisfied	16 %
Partially dissatisfied	2,1%
Not satisfied	0%

3.2. Dean's office accessibility level

Completely satisfied	79,8 %
Partially satisfied	17 %
Partially dissatisfied	2,1%
Difficult to answer	1,1%

3.3. The level of accessibility and responsiveness of the university management

Completely satisfied	80,9 %
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Partially satisfied	17 %
Partially dissatisfied	1,1%
Difficult to answer	1,1%

3.4 Availability of academic counseling

Completely satisfied	79,8 %
Partially satisfied	14,9 %
Partially dissatisfied	2,1%

3.5 Support with educational materials in the learning process

Completely satisfied	79,8%
Partially satisfied	18,1%
Partially dissatisfied	1,1%
Difficult to answer	1,1%

3.6 Availability of personal counseling

Completely satisfied	80,9%
Partially satisfied	13,8 %
Partially dissatisfied	1,1%
Difficult to answer	4,3 %

3.7 Financial and administrative services of the educational institution

Completely satisfied	74,5%
Partially satisfied	20,2%
Partially dissatisfied	1,1%
Difficult to answer	4,3%

3.8 Availability of health services for students

Completely satisfied	76,6 %
Partially satisfied	19,1%
Partially dissatisfied	1,1%
Difficult to answer	2,1%

3.9 The quality of the student health service

Completely satisfied	76,6 %
Partially satisfied	21,3 %
Partially dissatisfied	1,1%
Difficult to answer	1,1%

3.10 The level of availability of library resources

Completely satisfied	79,8 %
Partially satisfied	16 %
Partially dissatisfied	3,2%
Difficult to answer	1,1%

3.11 The quality of services provided in libraries and reading rooms

Completely satisfied	81,9 %
Partially satisfied	16 %
Partially dissatisfied	1,1%
Difficult to answer	1,1%

3.12 Satisfaction with the existing educational resources of the university

Completely satisfied	76,6 %
Partially satisfied	21,3 %
Partially dissatisfied	1,1%
Difficult to answer	1,1%

3.13 Availability of computer classes and Internet resources

Completely satisfied	85,1 %
Partially satisfied	10,6%
Partially dissatisfied	2,1%
Difficult to answer	1,1%
Not satisfied	1,1 %

3.14 The usefulness of the website of educational organizations in general and faculties in particular

Completely satisfied	87,2 %
Partially satisfied	11,7%

Difficult to answer	1,1%
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3.15 Study rooms, auditoriums for large groups

Completely satisfied	79,8 %
Partially satisfied	12,8%
Difficult to answer	2,1%
Partially dissatisfied	5,3%

3.16 Proportionate rooms for small groups

Completely satisfied	78,7 %
Partially satisfied	18,1 %
Difficult to answer	1,1%
Partially dissatisfied	1,1%
Not satisfied	1,1%

3.17 Lounges for students (if any)

Completely satisfied	62,8 %
Partially satisfied	12,8 %
Difficult to answer	10,6%
Not satisfied	11,7%
Partially dissatisfied	2,1 %

3.18 Clarity of procedure for taking disciplinary action

Completely satisfied	79,8 %
Partially satisfied	17%
Difficult to answer	2,1%
Partially dissatisfied	2,1%

3.19 The overall quality of study programs

Completely satisfied	78,9 %
Partially satisfied	16%
Difficult to answer	1,1%
Partially dissatisfied	4,3%

3.20 Teaching methods in general

Completely satisfied	78,7%
Partially satisfied	17%
Difficult to answer	1,1%
Partially dissatisfied	3,2%

3.21 Quick response to feedback from teachers regarding the educational process

Completely satisfied	80,9 %
Partially satisfied	14,9%
Difficult to answer	1,1%
Partially dissatisfied	3,2%

3.22 The quality of teaching

Completely satisfied	83 %
Partially satisfied	13,8 %
Difficult to answer	1,1%
Partially dissatisfied	2,1%

3.23 Academic load / requirements for the student

Completely satisfied	73,4 %
Partially satisfied	14,9%
Difficult to answer	1,1%
Partially dissatisfied	7,4%
Not satisfied	3,2%

3.24 Fairness of examinations and certification

Completely satisfied	86,2 %
Partially satisfied	12,8 %
Difficult to answer	3,2%

3.25 Timeliness of student assessment

Completely satisfied	78,7 %
Partially satisfied	20,2 %
Difficult to answer	1,1%

3.26 Explaining to you before entering the rules and strategies of the educational program (specialty)

Completely satisfied	83 %
Partially satisfied	12,8 %
Difficult to answer	2,1%
Partially dissatisfied	2,1 %

3.27 Уровнем исполнения данных правил и стратегий образовательной программы (специальности)

Completely satisfied	85,1%
Partially satisfied	11,7 %
Difficult to answer	1,1%
Partially dissatisfied	2,1%

3.28 Informing the requirements in order to successfully complete this specialty

Completely satisfied	84 %
Partially satisfied	12,8%
Difficult to answer	1,1%
Partially dissatisfied	2,1%

3.29 Conducted tests and exams Like

Completely satisfied	80,9 %
Partially satisfied	14,9%
Difficult to answer	2,1%
Partially dissatisfied	1,1%
Not satisfied	1,1%

3.30 Available computer classes

Completely satisfied	80,9 %
Partially satisfied	13,8%
Difficult to answer	2,1%
Partially dissatisfied	3,2%

3.31 Available scientific laboratories

Completely satisfied	79,8 %
Partially satisfied	10,6 %

Difficult to answer	2,1%
Partially dissatisfied	5,3 %
Not satisfied	2,1%

3.32 Relationship between student and teacher

Completely satisfied	85,1 %
Partially satisfied	11,7 %
Difficult to answer	1,1%
Partially dissatisfied	2,1%

3.33 Objectivity and fairness of teachers

Completely satisfied	84 %
Partially satisfied	11,7%
Partially dissatisfied	3,2%
Difficult to answer	1,1%

3.34 Informing students about courses, educational programs, and academic degrees

Completely satisfied	83 %
Partially satisfied	12,8%
Partially dissatisfied	2,1%
Difficult to answer	1,1%
Not satisfied	1,1%

3.35 Providing students with a hostel

Completely satisfied	81,9 %
Partially satisfied	8,5 %
Difficult to answer	9,6 %

4. Rate how much you agree:

4.1 The course program was clearly presented

Full consent	77,7 %
Agreement	18,1 %
Partially agree	3,2%
Disagree	1,1%

4.2 Course content is well structured

Full consent	76,6 %
Agreement	16 %
Partially agree	7,4 %

4.3 Key terms adequately explained

Full consent	75,5 %
Agreement	22,3 %
Partially agree	2,1 %

4.4 The material taught is up to date.

Full consent	74,5 %
Agreement	19,1%
Partially agree	6,4 %

4.5 The teacher uses effective teaching methods

Full consent	74,5 %
Agreement	19,1%
Partially agree	6,4 %

4.6 The teacher owns the material being taught

Full consent	73,4 %
Agreement	24,5 %
Partially agree	1,1 %
Disagree	1,1%

4.7 The lecturer's presentation is clear

Full consent	74,5 %
Agreement	22,3 %
Partially agree	2,1%
Disagree	1,1%

4.8 The teacher presents the material in an interesting way

Full consent	70,2 %
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Agreement	25,5%
Partially agree	3,2 %
Disagree	1,1 %

4.9 The teacher satisfies my requirements for personal development and professional development

Full consent	76,6 %
Agreement	17 %
Partially agree	6,4 %

4.10 The teacher stimulates the activity of students

Full consent	77,7 %
Agreement	16 %
Partially agree	5,3 %
Disagree	1,1 %

4.11 The teacher stimulates the creative thinking of students

Full consent	75,5 %
Agreement	18,1%
Partially agree	4,3 %
Disagree	2,1%

4.12 Appearance and manners of the teacher are adequate

Full consent	79,8 %
Agreement	17 %
Partially agree	3,2 %

4.13 The teacher has a positive attitude towards students

Full consent	77,7 %
Agreement	17 %
Partially agree	5,3 %

4.14 Continuous assessment (seminars, tests, questionnaires, etc.) reflects the content of the course

Full consent	76,6%
Agreement	17%
Partially agree	6,4 %

4.15 Evaluation criteria used by the instructor are clear

Full consent	75,5 %
Agreement	20,2 %
Partially agree	4,3 %

4.16 The teacher objectively evaluates the achievements of students

Full consent	74,5 %
Agreement	21,3 %
Partially agree	4,3 %

4.17 The teacher speaks in a professional language

Full consent	76,6 %
Agreement	17 %
Partially agree	3,8 %

4.18 The organization of education provides sufficient opportunities for sports and other leisure activities.

Full consent	70,2 %
Agreement	20,2 %
Partially agree	8,5 %
Disagree	1,1 %

4.19 Facilities and equipment for students are safe, comfortable and modern

Full consent	73,4 %
Agreement	20,2 %
Partially agree	5,3 %
Complete disagreement	1,1 %

4.20 The library is well stocked and has a fairly good collection of books.

Full consent	75,5 %
Agreement	17 %
Partially agree	5,3 %
Disagree	2,1 %

4.21 Equal opportunities are provided to all students

Full consent	75,5 %
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Agreement	18,1 %
Partially agree	5,3 %
Complete disagreement	1,1 %

Other issues regarding the quality of teaching

No

Missing

No

No problem

No

Everything is at a high level

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None as such.

Net

No problem

No

there are no problems

Improve digitalization in the educational process

No

Everything is old lack of materials for laboratory work