



«АККРЕДИТТЕУ 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 commission for assessment for compliance with the requirements of institutional re-accreditation standards Republican State Enterprise with the right of economical management "Kazakh National Medical University named after S.D. Asfendiyarov »Ministry of Health of the Republic of Kazakhstan in the period from 23 to 25 May 2018 in Almaty

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External Expert Commission**

*Addressed
to the Accreditation
Board IAAR*



Независимое агентство
аккредитации и рейтинга

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CONTENT

(I) LIST OF SYMBOLS AND ABBREVIATIONS	4
(II) INTRODUCTION	5
(III) PRESENTATION OF THE ORGANISATION OF EDUCATION	6
(III) DESCRIPTION OF THE VISIT	9
(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE.....	11
(VI) CONFORMING TO THE STANDARDS OF INSTITUTIONAL ACCREDITATION ...	14
6.1. Standard «Mission and Deliverables»	14
6.2. Standard «Educational program».....	15
6.3. Standard «Student Assessment»	17
6.4. Standard "Students"	20
6.5. Academic Staff / Teachers Standard	23
6.6. Standard "Educational Resources"	25
6.7. Standard "Evaluation of the educational program"	27
6.8. Standard «Management and administration».....	28
6.9 Standard "Continuous improvement"	30
(VII) REVIEW OF STRONG SIDES / BEST PRACTICES FOR EVERY STANDARD	32
(VIII) REVIEW OF RECOMMENDATION ON IMPROVEMENT OF QUALITY	34
(IX) REVIEW OF THE RECOMMENDATION ON THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION.....	35
(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL	36

(I) LIST OF SYMBOLS AND ABBREVIATIONS

AMS - Administrative and managerial staff
EEC – External expert commission
HEI – Higher educational institution
SCES - State compulsory education standard
DAW – Department of Academic Work
DIT - Department of Information Technology
DPHP - Department of Public Health Protection
DTMW - Department of teaching and methodical work
UNT - Unified national testing
EPC - Educational Programs Committees
CT – Complex testing
MO - Medical organization
MESRK - Ministry of Education and Science of the Republic of Kazakhstan
IAAR - Independent Agency for Accreditation and Rating
IQAA - Independent Kazakhstan Agency for Quality Assurance in Education
EP - Educational program
DPCEP - Department of planning and control of educational process
TS - Teaching Staff
PCSNT - Points for the conduct of a single national testing
SGU - Student Government of the University
DIA - Department of Internal Affairs
EMCD - Educational-methodical complex of disciplines
CCU - Centre of collective usage
GPA – A weighted average assessment of the level of student's academic achievements in the chosen specialty
SWOT - strengths, weaknesses, opportunities and threats – a method of strategic planning, used to assess the factors and phenomena that affect the project and the enterprise.

(II) INTRODUCTION

In accordance with the order of the NAAR No. 50-18-OD of 10.05.2018 in the Kazakh National University named after S.D. Asfendiyarov with a kind of activity the higher, postgraduate education the visit of the external expert commission (VEK) from May 23 to May 25, 2018 was held. Institutional reanimation of IAAR was carried out. Composition of the commission:

1. **The chairman of the commission** - Bakhyt Nurgaliyevna Kosherova, vice-rector for clinical work and continuous professional development, MD, professor, Karaganda State Medical University (Karaganda);
2. **Foreign expert** - Kiseleva Elena Aleksandrovna, head of the department of pediatric dentistry, orthodontology and propaedeutics of dental diseases Kemerovo State Medical University, (Kemerovo, Russia);
3. **Expert** - Tanysheva Gulyash Altygaziyeвна, Head of the Department of Internship for Obstetrics and Gynecology, Ph.D. State Medical University of Semey (Semey);
4. **The employer** - Gulnar Kudratullova Dairova, Deputy Director for Curative Work and Human Resources at KazMed LLP (Almaty);
5. **Student** - Zhalalova Botagoz Rashidyzy, doctor-intern 7 course, specialty "General Practice" Kazakh-Russian Medical University (Almaty);
6. **The observer from the Agency** - Alisa Dzhakenova, head of medical projects (Astana).



(III) PRESENTATION OF THE ORGANISATION OF EDUCATION

The Kazakh National Medical University named after Sanjar Jafarovich Asfendiyarov was opened by Decree of the Council of People's Commissars of the RSFSR on December 2, 1930 "Network, structure and contingent of admission to institutions of higher education administered by the RSFSR for 1930/1931". Sanzhar Jafarovich Asfendiyarov was appointed the first rector, later his name was University (Resolution of the Council of Ministers of the Kazakh SSR №17 of January 11, 1989).

Kazakh National Medical University named after S.D. Asfendiyarov is located at the address: Almaty region, Almalinsky district, Almaty, ul. Tole, house 88, postal code 050012. Phone: 8 7273387090.

Activities of KazNMU. S.D. Asfendiyarov is carried out in accordance with the constituent documents:

➤ Charter of the establishment of the Republican State Enterprise on the right of economic management "Kazakh National Medical University named after SD Asfendiyarov" of the Ministry of Health of the Republic of Kazakhstan was approved by the order of the Chairman of the Committee of State Property and Privatization of the Ministry of Finance of the Republic of Kazakhstan dated May 18, 2012, No. 475;

➤ Re-registration of the legal entity, branch or representative office of the Department of Justice registered in the Justice Department of the Almalinsky district of Almaty city dated May 18, 2013, No. 10100263781544; Статистической карточки от 21.05.2009 года № 38984223;

➤ Taxpayer certificates of May 22, 2009 No. 600700012467;

➤ State license series KZ50LAA00009777 State institution » Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan»;

There are conclusions of the sanitary and epidemiological service and state fire control for the use of educational buildings.

Educational activities of KazNMU named after S.D. Asfendiyarov carries out on the basis of the state license of series No. 14014486 issued by the Department for Control in Education of Almaty region of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated September 29, 2014, the validity of the license is constant:

Table 1 - List of bachelor's and internship specialties

№	Cipher	Specialty	Education period
1	5B130100	General Medicine	7 years
2	5B130300	Pediatrics	7 years
3	5B110200	Public Health	4 years
4	5B110300	Pharmacy	4 years
5	5B074800	Technology of pharmaceutical production	4 years
6	5B050700	Management	4 years
7	5B110100	Nursing	4 years
8	5B130200	Stomatology	6 years

Table 2- The list of specialties of magistracy and doctoral PhD KazNMU named after S.D. Asfendiyarov

№	Cipher	Specialty	Education period
Master's Courses			
1	6M110100	Medicine	1 year 1,5 years 2 years
2	6M110200	Public Health	1 year

			1,5 years 2 years
3	6M110300	Nursing	1 year 1,5 years 2 years
4	6M110400	Pharmacy	1 year 1,5 years 2 years
5	6M110500	Medico-prophylactic case	1 year 1,5 years 2 years
6	6M050700	Management	1 year 1,5 years 2 years
7	6M074800	Technology of pharmaceutical production	1 year 1,5 years 2 years
Doctoral studies			
1	6D110100	Medicine	3 years
2	6D110200	Public Health	3 years
3	6D110400	Pharmacy	3 years
4	6D074800	Technology of pharmaceutical production	3 years

Table 3- List of specialties by residency

№	Cipher	Specialty	Education period
1	6R114400	Obstetrics and gynecology, including children's	3 years
2	6R114200	Pediatrics	2 years
3	6R114300	Neonatology	2 years
4	6R113400	Oncology	2 years
5	6R111500	Neuropathology, including children's	2 years
6	6R110300	Cardiology, including children's	3 years
7	6R110500	Allergology and immunology, including children's	2 years
8	6R111300	Infectious diseases, including children's diseases	2 years
9	6R111600	Psychiatry	2 years
10	6R110900	Endocrinology, including children's	2 years
11	6R111900	Radiation diagnostics	2 years
12	6R111000	Nephrology, including children's	2 years
13	6R113700	Ophthalmology, including children's	3 years
14	6R112200	Clinical laboratory diagnostics	2 years
15	6R113500	Traumatology and orthopedics, including children's	3 years
16	6R112300	Sports medicine	2 years
17	6R110400	Rheumatology, including children's	2 years
18	6R113800	Otorhinolaryngology, including children's	3 years
19	6R112800	Cardiosurgery, including children's	4 years
20	6R112900	Angiosurgery, including children's	4 years

KazNMU named after S.D. Asfendiyarov has 11 educational buildings with a total area of 112,290.8, including educational premises 32,880.6 square meters, per one training is 3.6 square meters. The university has an Art Center, the Concordia Theater, a gym, a vivarium and an auto farm, seven dormitories with a total area of 25,559.2 square meters.

The university trains 9,198 students, interns, residents, undergraduates and doctoral students from Kazakhstan and 22 countries (Russia, Uzbekistan, Kyrgyzstan, Turkmenistan, Tajikistan, Belarus, China, Israel, Mongolia, Pakistan, India, Afghanistan, South Korea, Japan, Moldova, Georgia, Palestine, Iran, Iraq, Syria, Egypt, Turkey).

There are 1,610 qualified teachers at 74 departments and modules of the university, including 308 candidates of medical sciences, 118 doctors of medical sciences, 11 PhD, 169 master students, 27 professors, 6 members of NAS RK, 7 members of public academies of sciences, 52 associate professors, 77 members of professional associations and scientific societies, 606 honorary professors of domestic and foreign universities, 28 scholars, laureates of prizes and competitions.

Table 4 - Employment of graduates by specialties

№	Specialties	Release				Continued training	Leave for pregnancy and nursing with a child up to 3 years	Employed	%	Not employed*	%
		grant	rural quota	treaty	TOTAL						
1	General Medicine (Therapy)	129	53	35	217	105	40	71	99%	1	1%
2	General Medicine (Obstetrics and Gynecology)	46	12	2	60	37	12	4	88%	7	12%
3	General Medicine (Pediatrics)	27	9	6	42	32	3	7	100%		
4	General Medicine (GM)	217	74	13	304	115	83	105	99%	1	1%
5	General Medicine (Surgery)	103	9	6	118	87	7	22	98%	2	2%
6	Stomatology	46	13	65	124	7	21	93	97%	3	3%
	TOTAL INTERNSHIP	568	170	127	865	383	166	302	98%	14	2%
7	Residency	152			152	3	54	95	100%		
8	Master's Courses	57		17	74	6	12	55	98%	1	2%
9	Doctoral studies	24			24		1	23	95%		
	TOTAL	233		17	250	9	73	173	99%	1	2%
10	Public Health	39	15		54	11	12	29	96%	2	4%
11	Medico-prophylactic case	40	17		57	16	10	29	96%	2	4%
12	Nursing	12	7	1	20	4	3	13	100%		
13	Pharmacy	64	28	1	93	32	20	39	97%	2	3%
14	Technology of pharmaceutical production	64			64	12	5	46	98%	1	2%
	TOTAL BACHELOR	219	67	2	288	75	50	156	97%	7	3%
	TOTAL	1020	237	146	1403	467	289	631	98%	22	2%

* does not work due to family circumstances, for health reasons, preparation for further studies
The indicator of the employment of graduates is 98%.

Research projects

In KazNMU it. S.D. Asfendiyarov for the conduct of research work in accordance with the strategic plan, the potential of the BA Bogolyubov Research Institute of Basic Medicine is used. Atchabarova, founded in 2009, operates in its structure: the scientific clinical diagnostic laboratory, the scientific laboratory "Center for collective use", the Center for Experimental Medicine, the laboratory of experimental medicine, the laboratory for assessing the health risks of the population, the Center for Public Health Research, the vivarium.

On the basis of the Central Committee of KazNMU for 2013 - 2017. 9 student scientific works, 20 - master's theses and 4 - doctoral theses of PhD were performed. In 2018, 8 doctoral and 3 master's theses are performed.

In KazNMU in 2017, 7 scientific and technical projects on grant financing of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan were completed. Within the framework of the projects 3 master's dissertations were defended, 2 doctoral dissertations were defended.

The university is implementing a scientific and technical program on program-targeted financing of the Ministry of Health of the Republic of Kazakhstan on the topic "New molecular genetic methods of pre-symptom diagnosis and methods of treating a number of significant diseases" with the involvement of nine scientific organizations, six scientific and technical projects on grant financing of the Science Committee of the Ministry education and science.

The results of the research are presented at scientific and practical conferences and seminars: "Strategy and ideology of modern biomedical research oriented to genetic epidemiology" (Tel Aviv University, Israel, 2016); "Intensive for genomic informatics" (St. Petersburg, Russia, 2016); "Topical scientific research in the modern world" (Pereyaslav-Khmelnitsky (Ukraine, 2016); 11th International Congress on Toxicology and Risk Management, October 2017 London, UK Expansion of His48 + CD11b / c + myeloid cells in rats after vanadium and chromium administration "; 8th European Immunology Conference, 2017 Athens, Greece.

The number of publications for the last 3 years - 3 233, for the last 2 years 721 PPPs took part in international projects and 493 students.

Thus, the KazNMU named after SD Asfendiyarov creates the conditions for the formation of a scientific environment and the performance of research work for the teaching staff and students (students, residents, undergraduates and doctoral students).

(III) DESCRIPTION OF THE VISIT

The work of the WEC was carried out on the basis of the Program of the visit of the expert commission on institutional disrepair of educational programs at the KazNMU named after A.Ya. S.D. Asfendiyarov, from May 23 to May 25, 2018.

In order to obtain objective information about the quality of educational programs and the entire infrastructure of the university, the meetings with the pre-rector on strategic and corporate development, the pro-rector for academic activities, the pro-rector for research, the deans of the departments of general medicine, public health, dentistry, pharmacy, international faculty, postgraduate education, heads of human resources department, human resources department resources, the Department of Magistracy and PhD, teachers, students, graduates. In total, 119 people took part in the meetings.

Table 5 - Information on the categories of meeting participants

<i>Category of participants</i>	<i>Amount</i>
Vice-Rector	4
Deans and leaders of structural units	15
Teachers	40
Students, residents, undergraduates, doctoral students	40

Graduates	10
Employers	10
Total	119

1. During the work of the VEC, a visual inspection of the university infrastructure was carried out: classrooms, computer classes, a library, a reading room, a sports hall, a medical center, a food station, a simulation center, a museum, a communication skills center, a hostel. The documentation on the departments of the university has also been studied. Practical training bases of the city clinical hospitals №1,7, maternity hospital №5, children's clinical hospital № 2, university clinic.

2. To conduct educational, industrial and professional practice of KazNMU. S.D. Asfendiyarov concluded cooperation agreements with clinical facilities, pharmacies, DOOZ and other medical organizations.

In violation of the Order of the Minister of Education and Science of the Republic of Kazakhstan No. 93 of January 28, 2016, there were no tripartite agreements between trainees, medical organizations and the university.

Professional practice in all specialties is carried out in accordance with the State Standard and Standard Curriculum and the "Regulations on Professional Practice of the KazNMU named after S.D. Asfendiyarov" According to the academic calendar, the practice is conducted after the completion of the module's training.

To conduct professional practice, the students of the department determine clinical bases, organizations, enterprises, research organizations as bases of practice, coordinate with them programs and calendar schedules of the practice. The Dean's office monitors the conclusion of the Practice Agreements with the practice bases, if the medical institution is the clinical base of the department that organizes the practice and the Cooperation Agreement is concluded between them, then the Agreement on the passage of practice is not concluded, and the conditions for conducting the practice are prescribed in the Treaty about cooperation.

Responsibility for the organization and conduct of the practice is borne by the heads of the departments and the leaders of the practice bases in accordance with the terms of the concluded contract.

The basis for students to practice is the order of the Rector of the University. The order on sending students to practice in accordance with the schedule of practice is prepared by the dean's office in the prescribed form. This order also defines the leaders of the practice, the composition of the commission and the schedule for accepting the final attestation in practice. The order is issued before the beginning of the semester, in which the practice is held according to the schedule. Orders on the organization of practice in the office of the registrar are registered. Students are sent to practice in accordance with the schedule of the educational process. The schedule of passing the practice is drawn up in accordance with the established form.

The results of attestation on professional practice are recorded in the list of professional practice. The statement is handed over to the registration office. Based on the results of the defense, the chairman of the commission for the receipt of reports submits a report, which is discussed at the meeting of the department.

There is a close connection between the university and medical organizations. Social partnership in the field of medical education is aimed at bringing the level of training of medical personnel closer to the needs of employers. In order to strengthen and develop social partnership with medical organizations and the university, joint work is carried out to train qualified specialists with subsequent employment. Conducting professional practice begins with familiarization by medical organizations and with the gradual mastery of key competencies at the patient's bed and in the structural units of the clinics.

The Ministry created the necessary conditions for the qualitative passage of practices, allocated training rooms for students, provided access to the treatment and diagnostic process of the clinics.

For the qualitative conduct of all types of practical training, contracts were concluded with 82 medical organizations of the city. The introduced elements of dual training allow the therapeutic

bases to become active and full participants in the educational process, influencing the content of education, and the university - to influence the quality of medical care for the population.

When visiting practical bases of experts with the material and technical base of the Ministry of Defense, they visited the administrative building, specialized departments where students pass professional practice. With the members of the WEC met the deputy chief physicians, head of department, who talk about the requirements for students, the process of passing the practice. It should be noted that the city clinical hospitals №1,7 ensure effective and qualitative passage of professional practice, take part in the assessment of students' knowledge, abilities and skills. 4 th year of the specialty "General Medicine".

When you visit the maternity hospital №5. Chief Physician, Children's Clinical Hospital No. 2, Deputy Chief Physician (Akenbekova A.Zh.) noted close cooperation with the university in the clinical training of students and the provision of bases for the passage of professional practice.

The theoretical and practical classes on the disciplines "Pathological physiology", "Medical genetics", "Pathological anatomy", "Medical genetics", module "Cardiology" were visited by VEK members. The analysis of the classes visited showed that the teachers use the developed calendar-thematic plans, the approved work programs, the IMCD.

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

In March 12, 2013, the composition of the WEC (Table 1) carried out the procedure of institutional accreditation. At the meeting of the Accreditation Council of the NU Independent Agency for Accreditation and Rating "(hereinafter referred to as" Agency ") a decision was made on institutional accreditation of the KazNMU HEI. S.D. Asfendiyarov for a period of 5 years.

Table 6 - Composition of the WEC on external evaluation of KazNMU named S.D. Asfendiyarov

№	FULL NAME. Expert	Position	Scientific degree, rank
1.	Morenko Marina Aleksееvna	Chairman - Head. Head of Children's Diseases №1 of JSC "MUA"	D.M.C.
2.	Life Christensen	Member of the Commission - Chief Adviser of the World Federation of Medical Education	Professor
3.	Jorgen Nustrup	Member of the Commission - Chief Adviser of the World Federation of Medical Education	Professor
4.	Kalіeva Sholpan Sabatayevna	Member of the Commission - Department of Clinical Pharmacology of Evidence-Based Medicine of the Republican State Enterprise on the right of economic management "Karaganda State Medical University"	C.M.S
5.	Bizhigitov Zhaksybay Bidakhmetovich	Member of the Commission - Director of the Medical Center	
6.	Kamaliyeva Dinara Bolatovna	Member of the commission - 3rd year student of the Kazakh-Russian Medical University	

7.	Nurmanbetova Farida Nusupzhanovna	Observer IAAR - Expert of the Department for the Development of Medical Education and Science of the Center for Health Education of the Republican State Enterprise on the right of economic management "Republican Center for Health Development" of the Ministry of Health of the Republic of Kazakhstan	
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Standard 1: Mission and Goals

Recommendations: When revising the mission statement and objectives, a clear description of the educational process and aspects of the existing social responsibility should be included, as well as reflecting the leadership position of the university in the Central Asian region.

Implemented activities:

1. KazNMU them. S.D. Asfendiyarova actualized the mission, discussed with all interested parties and approved at the meeting of the Supervisory Board (Minutes No. 5 of 27.09.2017).

2. KazNMU them. S.D. Asfendiyarova worked out a strategic plan for KazNMU named after. S.D. Asfendiyarov for 2017-2021 years.

The recommendations of the WEC standard are fulfilled.

Standard 2: Educational program

Recommendations:

1. It is necessary to ensure better integration between the elements of the educational program, and mainly the integration of basic and clinical disciplines at all stages of the educational program.

2. To use more actively the capabilities of scientific laboratories, the center of evidence-based medicine, the resources of the library to ensure consistency in teaching students the principles of scientific research methodology and evidence-based medicine throughout the training program.

Implemented activities:

1. To integrate basic and clinical disciplines, educational programs on the specialties "General Medicine" and "Stomatology" were developed and discussed at the Methodological Council (No. 2 of February 26, 2013), on the basis of which the IMCD was compiled for 2013-2014 academic year (Minutes of the Methodological Council No. 5 of 29.06.2013).

2. The work of the Center for Integrated Training has been organized, the order of studying the cycles of basic and clinical disciplines for 2013-2014 academic year (Order No. 8, dated January 27, 2014)

3. Developed and approved by the rector KazNMU him. S.D. Asfendiyarov KazNMU program "Learning through research" (29.11.2013). The developed educational programs include elements of teaching students the principles of scientific methodology and evidence-based medicine throughout the program

4. The Department for Academic Work for the wider use of educational resources and scientific laboratories in NIIFPM named after B.Atchabarov:

- a schedule for the use of scientific laboratories based on the NCIP on disciplines for students in the specialty "General Medicine" and students of the 5th course on the specialty "Public Health"; in accordance with the approved schedule of classes in CAL and NCDD, in particular in the laboratory of NCD, for students practical sessions are conducted by the Department of Biochemistry, Epidemiology and the Department of Laboratory Diagnostics and Molecular Medicine, Immunology, and in the NLL for the 2nd year students of "General Medicine" ; in the KEL are held classes of surgery for students of the 5th course "Emergency states in surgery", classes in general surgery for 3rd year students of the Faculty of General Medicine, the Department of Clinical Anatomy and Operative Surgery - for students 6-7 year. The laboratory is loaded with

the spring and autumn semester (document scanners are attached);

- in the laboratory "Center for collective use" students are engaged in scientific projects. The Winter School Program (Winterschool) was developed;

- students take an active part in scientific projects (Letters to the Ministry of Education and Science of the Republic of Kazakhstan № 69-09-01-01-08 of 10.01.2014, №489-09-01-01 of 17.02.2014), Certificate of the participant of the student OM in 61-1 NPK of Dushanbe.

The recommendations of the WEC standard are fulfilled.

Standard 3: Student Assessment

Recommendations:

1. To ensure the effectiveness of integrated training, reduce the academic burden of students, it is recommended to conduct an integrated exam and review the system of assessing students in the direction of simplifying it.

Implemented activities:

2. Order of the Department for Academic Work No. 242 dated 27.12.2013 defines the procedure for conducting an integrated exam in the disciplines of modular training.

The recommendations of the WEC standard are fulfilled.

Standard 6: Educational Resources

Recommendations:

1. To promote the further development of academic mobility of teaching staff, students, interns and residents of the university.

2. Scientific research in the field of medical education should be expanded.

Implemented activities:

1. With the purpose of further development of academic mobility of students and teaching staff, the program "Scholarships of KazNMU in support of the program" Academic Mobility of Students and PPS for 2014 "(Order No. 61 of January 29, 2014) was developed. In 2012-13 and 2013-2014 academic year. year academic exchange was carried out according to 13 agreements with universities.

2. A plan for joint research in the field of medical education with the participation of visiting-professors Orville Adams and V.S. Avanesova for 2014 (January 9, 2014) and the research of students and young teachers in the research project "Learning through research".

The recommendations of the BEC standard are being implemented.

Standard: Continuous improvement

1. Effective strategic planning and allocation of resources.

2. The competence-oriented model of medical education is developed and implemented in the educational process; transition to credit training technology; There is a Trilingual Teaching Program in all disciplines.

3. Dynamic replenishment of the material and technical base: an increase in information and communication resources; creation and operation of an automated information system; rational management of the library's educational and scientific literature, electronic library resources.

4. Innovative methods of training were introduced through centers of practical skills; communicative skills, educational and clinical center; Innovative-educational consortium "Corporate University".

5. The quality management system is being improved: the Center for monitoring the evaluation of the quality of education and scientific support for the reform of medical education has been established and is functioning;

6. Creation of affiliated clinics; effective use of resources of clinical bases not only in Almaty, but also in regions for conducting clinical training and practice.

7. Comprehensive support of students by the leadership of the university, including during off-campus: student self-government, deans of faculties, VMSH, TsKN, legal service, employment department, tutoring service, cultural and sports centers.

8. Participation in grant and in-house NTP; positive dynamics of program financing.

9. Increase the potential of PPP and the quality of education: the functioning of the dissertational council for the protection of PhD dissertations; the creation of the Higher Medical School, the School of Pedagogical Excellence. H.S. Nasypulina; School of Public Health. H. Dosmukhamedov; School of Vaccinology; Center for Evidence-Based Medicine; service tutors.

10. Development of international integration and cooperation with leading foreign universities, research centers, implementation of the program of visiting professors.

15. Preservation of traditions and continuity of generations in the university for the formation of free and creative thinking, ability to self-education, development of leadership qualities and communication skills.

Conclusion

Thus, the recommendations of the HEC of the NAAR in 2012 are generally fulfilled, work continues on the implementation of the main lines of the strategic plan.

(VI) CONFORMING TO THE STANDARDS OF INSTITUTIONAL ACCREDITATION

6.1. Standard «Mission and Deliverables»

The Evidence

The vision, mission and strategy of the university development are coordinated among themselves, adequate to the available resources, meet the needs and expectations of the society and the educational policy of the Republic of Kazakhstan.

Vision of the University:

KazNMU is the leader of modern medical and pharmaceutical education, science and clinical practice in Kazakhstan and Central Asia.

KazNMU is a stable and financially responsible organization committed to transparent conduct of business, free from corruption and injustice, open to cooperation with Kazakhstani and foreign organizations.

Teachers and employees of KazNMU are cultural, intelligent and versatile educated citizens, highly qualified professionals, authoritative and fair mentors, motivated and competitive innovators, sincere and open to communication mentors, designed to prepare a new generation of Kazakhstani doctors of the 21st century.

Graduates of KazNMU possess the knowledge of advanced technologies, skills of clinical skill, knowledge of advanced technologies and patient-oriented qualities, which can be claimed by the health care system of the Republic of Kazakhstan and competitive in the international market of medical services.

The University defines its own mission as "Forming a new generation of medical workers with the level of professional training, technological skills and competitiveness that meet modern priorities and future challenges of Kazakhstani and world health of the 21st century".

Strategic directions:

1. Preparation of a new competitive generation of medical workers meeting modern priorities and future challenges of Kazakhstan and world health of the 21st century;
2. Formation of the Academic Healthcare and Science System;
3. Development of KazNMU as a financially responsible and stable organization committed to transparency in conducting business, free from corruption and injustice, open for cooperation with Kazakhstan and foreign organizations.

Mission and vision of the Kazakh National Medical University named after S.D. Asfendiyarov comply with the charter of the organization of education, updated and approved at the meeting of the Supervisory Board (Minutes No. 5 of 27.09.2017), determine the main activities of the organization and are presented in the Strategic Plan of the University for 2017-2021.

The strategic plan of KazNMU is reviewed and approved at a meeting of the Supervisory Board, posted on the University's website www.kaznmu.kz for wider familiarization of the public concerned. The content of the documents is sufficiently brought to the attention of the PPP at the

cathedral meetings, to interested persons at the meetings of the University Council of the University and the faculties. However, during the meeting with the faculty, the mission was not presented enough, and employers could not voice it.

The University conducts work on collecting, analyzing information about its activities and self-assessment in all areas. Based on the conducted SWOT - strengths, weaknesses, opportunities and threats, the strategic plan of the university is updated.

Mission statements, visions and strategies of the university fully reflect the individuality and uniqueness.

It should be noted that the mission is focused on the training of modern and future medical workers, meeting today's priorities and future challenges.

The final results of the students' education are reflected in the qualification characteristics of the graduate and are represented in the GOSO specialty. Educational programs are developed taking into account the Dublin descriptors: knowledge and understanding, the application of knowledge and understanding, the formation of judgments, learning skills or the ability to learn, communicative abilities.

The survey of pedagogical staff, in which 40 people took part (31 of them (77.5%) in Russian and 9 (22.5%) in the Kazakh language of instruction), showed a good level of assessment of the university's compliance with the criteria of this Standard. So, for example, the reflection of the university's mission in training programs, in their opinion, is at a good level (62.5%); involvement of university teaching staff in the process of making managerial and strategic decisions 70% of respondents,

Analytical part

Analysis of the compliance of the University's activities with the criteria of this Standard as a whole attests to the responsibility of administrative and management personnel (hereinafter referred to as AUP) in understanding the importance of clear strategic planning in achieving the goals and objectives, the strategic plan, the mission and vision in the organization. The University analyzes the target indicators of activities, monitoring and improvement activities.

Strengths / best practices:

- ✓ The vision, mission and outcomes are mutually agreed;
- ✓ The organization conducts an assessment of strengths and weaknesses in all areas on the basis of which it determines policies and develops a strategic development plan at meetings of advisory bodies.

Recommendations of the External Expert Group

- ✓ The stated mission and vision of the university requires reporting to all stakeholders and the health sector.
- ✓ Continue work on the formation of its image in the international, scientific and educational space.
- ✓ Simplify the wording of the vision. Making it more concise and understandable for all categories of employees and students.

Quantitative indicators reflecting the organization's compliance with the criteria of the Standard are as follows:

***Strong positions - 9, satisfactory - 4,
suggest improvement - 1, unsatisfactory - 0***

6.2. Standard «Educational program»

The Evidence

KazNMU named after S.D. Asfendiyarova carries out activities to plan, monitor, evaluate, improve and ensure the quality and integrity of educational programs in the fields of General Medicine, Stomatology, Public Health, Pharmacy, Technology of Pharmaceutical Production, Sisterhood, Management ", as well as all levels of training.

Educational programs in all specialties provide for the integration of disciplines both

horizontally (parallel) and vertically (sequential). Currently, integrated vertical training is being implemented. Within the framework of modular training, several directions for training specialists in all fields were created.

In the university are used along with traditional (passive) methods, and innovative methods of teaching: case study, problem-oriented learning, command-oriented training, business, role-playing games, brainstorming method, group discussion method, combined survey, training method in small groups, simulation technologies, presentations.

Interactive and innovative teaching methods are provided by appropriate information and communication resources. Informatization of the educational process with free access of students, access to the Internet and access to foreign bases of scientific and educational literature provide students with the latest information on the achievements of science and clinic.

One of the key competencies is the formation and development of self-development and self-improvement skills throughout life. The concept of "self-development" and "self-improvement" includes independent work on the development of students' educational programs, professional and personal development of the student, which are supported by a corresponding resource base.

Educational programs are designed in accordance with the principles of equality in relation to students regardless of gender, nationality, religion, socioeconomic status and taking into account physical possibilities. The content of the OP corresponds to the GOSO.

When polling PPP and students found that the training is using modern teaching methods: PBL, CBL, TBL, RBL and interactive methods.

Throughout the entire training program, students of different levels of education in KazNMU master and master the skills of critical and analytical thinking, the fundamentals of evidence-based medicine, modern research methods. OP includes evidence-based medicine, contains elements of analytical and experimental research.

In the training program, modern achievements of basic biomedical sciences, elements of fundamental research are made annually in the compilation of syllables. The named biomedical sciences included in the OP are indicated about their integration horizontally and vertically with the clinical sciences.

When interviewing, it was found that the achievements of biomedical sciences are introduced into training through the introduction of syllabuses, additions and changes to work programs (form number 2).

The documentation on educational programs developed by the University includes:

- state educational standard by specialty;
- a standard curriculum;
- catalog of elective disciplines;
- Typical training program;
- syllabus of the disciplines of the component of choice;
- working curriculum on the specialty;
- program on professional practice;
- provision on professional practice;
- control and measuring means;
- a map of educational and methodical security;
- the program of the Final attestation of graduates;
- resources of the educational program

A necessary condition for ensuring the educational process in clinical disciplines is the availability of an appropriate clinical base than the university has.

The University has defined and included in the OP the achievements of medical ethics, social and behavioral sciences, as well as clinical sciences.

The university guarantees the student's early contact with real patients, including his participation in the survey and the provision of medical care.

The University has its own clinics, educational and clinical facilities that meet the modern requirements of training specialists, equipped with educational, educational and methodological and visual aids, educational literature, the Internet, a website with detailed information on its activities.

Interviewing students with WEC members revealed that it is necessary to improve the mechanism for assessing the knowledge, skills, basic and professional competencies of trainees, as well as organizing, monitoring and evaluating the independent work of trainees. Graduates and employers recommended the introduction of early contact of students with patients.

The results of the questionnaire survey, conducted during the visit of the NAEC VEC, showed that 87% were fully satisfied with the overall quality of the training programs; methods of training - 89.9%; the quality of teaching 89.9% of respondents, which is generally a good enough assessment.

The results of the teaching questionnaire conducted during the NAEC NAEC visit testify that 97.5% are satisfied with the educational program.

Analytical part

It is important for the management to understand the OP not only the participation of stakeholders in the development of vocational training programs, but also the involvement of partners in the organization and preparation of standards for practical skills and skills of the OP, taking into account the requirements for specialists in practical public health.

In this regard, it is necessary to develop in the students the desire for continuous improvement through self-control and self-development, which are realized through the independent work of students, as well as the individual trajectory of learning by choosing elective disciplines based on self-analysis and self-control for self-development of learners and the pursuit of permanent perfection.

Strengths / best practice

- ✓ The content of the University's educational programs (EP) promotes the development of the professional competencies of the students, taking into account their personal characteristics;
- ✓ The University ensures horizontal integration of the E{ and vertical integration;
- ✓ The EP includes modern teaching methods: PBL, CBL, TBL;
- ✓ EP include the achievements of basic biomedical sciences, behavioral, social, clinical sciences, medical ethics are regularly adjusted and new achievements are made, discussed with medical practice and the health system;
- ✓ Improve mechanisms for developing students' ability to learn throughout life;
- ✓ The university should develop regulations on the organization, monitoring and evaluation of SRO;
- ✓ Continue the practice of agreeing the objectives of the educational program with all interested persons;
- ✓ Intensify the development of joint educational programs with universities partners.

Conclusions of the WEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

In general, according to this Standard, the activities of the organization meet the criteria.

Quantitative indicators reflecting the organization's compliance with the criteria of the Standard are as follows:

***Strong positions - 13, satisfactory - 10,
suggest improvements - 2, unsatisfactory – 0***

6.3. Standard «Student Assessment»

In order to simplify the assessment of students and provide integrated training in KazNMU, it took a direction to transition to a modular system in replacing the assessment in separate disciplines. In accordance with the direction of KazNMU for the internationalization of educational programs, the development of control methods is conducted taking into account the methodology for preparing assignments for the IFOM exam for modular disciplines on the educational programs "General Medicine" and "General Medicine, English." Methods used to assess students, examinations are

updated in accordance with the changes being carried out and published on the site <https://kaznmu.kz>.

KazNMU adheres to the competence-oriented model of medical education and the principle of "from simple to complex" - from the formation and evaluation of acquired knowledge in the learning process - to the formation of the competence of self-improvement. Also, KazNMU determined the final results for each competence and for each specialty that are formed throughout the training period. The final results of each program are evaluated throughout the program and at each stage of achievement the students are evaluated by summary and formative evaluations for each final result. The application of a summary or formative assessment for each competency guarantees the coverage of knowledge, skills and attitudes.

To ensure the validity of the assessment methods used by students in KazNMU, a verification system operates, which includes:

1. Approval at the meeting of the CPC and the Academic Council matrix of examination tests and assignments

2. To prevent errors in test tasks, testing is first conducted by the PPS.

3. Analysis of test assignments (1st stage of the exam) is conducted before the exam by means of mechanisms 1 and 2, and also after. The analysis of "consequences" includes an analysis of the answers of students. The question is sent for revision and is excluded from the database:

- If 100% of the students answer correctly the question;
- If 100% of the students do not answer correctly the question;
- If an error is detected during the appeal.

4. The analysis of the "consequences" of the assessment of practical skills (the second stage of the exam) is conducted based on the results of the received scores on the check-lists.

5. Validation of assessments is carried out in the framework of research in medical education, and allows you to accumulate evidence, in accordance with the principles of evidence-based pedagogy.

Policies and rules for assessing achievements, students are discussed at CEP meetings, presented in the DAW, and approved at a meeting of the Academic Council. Decisions of the Academic Council are discussed at a meeting of the Senate of the teaching staff, whose members can make changes in the policies and rules of evaluation. To ensure openness and transparency in assessing the achievements of students, policy and evaluation rules are published on the website of KazNMU. The weight and criteria of progress of students are determined in the syllabus, which are also published on the website of KazNMU.

The timetable and the timing of the examinations are formed by the OPKUP and also published on the website of KazNMU. One of the mechanisms for ensuring the transparency of the evaluation is the use of an electronic journal (the procedure for publishing estimates in an electronic journal). Automation of the assessment process and the openness of methods and policies for assessing the achievements of students helps to avoid conflicts of interest in KazNMU.

To ensure transparency and accessibility of the process and assessment methods for the expertise of external experts, all materials are posted on the website of KazNMU and are presented to the public in the rules of the organization of the educational process, and the rules for assessing the learning achievements of students.

To ensure the "valuation" of the evaluation methods used, those who study at the KazNMU have a verification system that includes:

1. Analysis of the monitoring instruments presented by the Department by the working group under the CPC;

2. Approval of the matrix of examination tests and assignments at the meeting of the CPCs;

3. To prevent errors in test tasks, testing is first conducted by the PPS;

4. Analysis of test tasks (1st stage of the exam) is carried out before the exam by means of mechanisms 1 and 2, and also after. The analysis of "consequences" includes an analysis of the answers of students. The question is sent for revision and is excluded from the database:

- if 100% of the students answer correctly to the question;
- in the event that 0% of students do not answer correctly the question;

- if an error is detected during the appeal.

5. Analysis of the "consequences" of the assessment of practical skills (the second stage of the exam) is conducted based on the results of the received scores on the check-lists.

6. Validation of evaluations is carried out within the framework of research in medical education, and allows to accumulate evidence, in accordance with the principles of evidence-based pedagogy.

All processes are documented by the minutes of the CEP meetings and the Academic Council. Changes in evaluation methods are discussed throughout the school year at CEP meetings and, if necessary, new evaluation methods are introduced after discussion at CPAs and Academic Council in these rules before the beginning of the next academic year.

The system for appealing the results of the assessment in KazNMU is presented in the "Rules of appeal in KazNMU." The novelty in 2017 is the appeal on the 1st stage of the exam in an automated form through the AIS "Sirius". Students who do not agree with the assessment may apply for an appeal during the 1st stage of the exam, in the system. To make decisions on the appeals of students, an Appeal Commission is created, which takes decisions on appeals. The results of the appeal are also used to assess the validity of the examination tests and assignments.

The balance between normative and cumulative assessments is carried out by means of a check for the modules, which include a summary evaluation of the stages and comments on these stages. Check sheets are compiled on the principle of "end result - level - competence", which helps the learner to determine his level of achievement of specific final goals, as well as receive feedback in formative and summary forms. To reduce the overload of the educational program and promote integrated learning, KazNMU is transitioning to module training. At the moment, in accordance with the modular form, training is conducted under the programs "General Medicine. Bachelor "(rus, kaz, eng) and" Pediatrics ". The transition to the module form introduced the possibility to reduce the number of exams by 10%.

Analytical part

To assess the achievements of students in KazNMU, different methods are used depending on their evaluation of utility. Questions on the introduction of a new method for assessing or changing the current method are discussed at CPAs in the specialties, and are approved by the Academic Council. Evaluation methods are formed according to the conceptual principle of the orientation towards the assessment of achievement of the final results in competencies, as well as the orientation to the "Dublin descriptors".

To create a clear picture of the relationship between evaluation and learning, a map of the final results and an assessment of the achievement of the final results for all educational programs was compiled. Also, in each syllabus, the final results to achieve which the module or discipline seeks (according to Dublin descriptors) are indicated. Each trainee in accordance with the chosen trajectory can follow the development of his competence and final results with an indication of the level reached. In comparison of the final results and the professional trajectory, the help of the advisers helps the students. This mechanism makes it possible to clearly identify key outcomes and reduce the number of aggregate assessments, paying more attention to formative assessments.

To ensure feedback to students based on the results of the assessment, KazNMU uses checklists, which subsequently form part of the student's portfolio. Checklists provide the learner with a formative assessment of the achievement of a certain level of the final result of the training. In general, the transition to new standards, new educational programs, and a modular form of training allows KazNMU to provide more autonomy to students in choosing a professional trajectory, to deepen interdisciplinary interaction, and to introduce new approaches in teaching. Since the trainee is provided with a mechanism for tracking the development of his training, evaluation helps determine the level of mastering competences, which in turn promotes learning.

- Introduction of an integrated approach to training in organs and systems;
- Individual educational trajectory of the student (QED);
- Participation of students in R & D through the program "Training through research";

- The opening of the specialty of pediatrics;
 - Clear strategic planning and management;
 - Stable demand for graduates in the labor market.
- Continue work on introducing a progressive assessment of students;

Conclusions of the WEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

Strong-2

Satisfactory -2

suggest an improvement of -0

unsatisfactory-0

6. 4. Standard "Students"

The Evidence

In accordance with its mission, the University establishes the Policy for Admission of Students to KazNMU, which corresponds to the Law of the Republic of Kazakhstan "On Education", "Model Rules for Admission to Universities of Kazakhstan", developed by the Ministry of Education and Science of the Republic of Kazakhstan. The work of the selection committee is conducted in accordance with the "Standard Rules for Admission to Education in the Educational Organization Implementing the Professional Higher Education Education Programs" approved by the Government of the Republic of Kazakhstan on January 19, 2010 No. 111 (as amended on 03.07.2017 No. 412), hereinafter referred to as the Rules and Instructive documents of MES RK. The main method of selection of entrants for admission are the results of the competition for awarding state educational grants of the Ministry of Education and Science of the Republic of Kazakhstan.

According to the Standard Rules for Admission to Education in Education Organizations Implementing Higher Education Educational Programs, the admission of foreign citizens to study at the KazNMU on a contract basis for bachelor's degrees entrants filled out an online application through the sirius.kaznmu.kz registration system on the University's website. Foreign citizens in accordance with the requirements are allowed to interview (mini-interview) online.

According to the Standard Rules for admission to education in the organization of education, implementing educational programs of higher education, admission to paid training for participants of UNT and CT that did not score a threshold, participants with canceled results and those who did not take part in UNT are re-conducted by UNT for admission to higher education educational institution.

With the goal of vocational guidance for school and college graduates, Open House Days are organized annually, the program of which allows a potential entrant to make the right choice of a future profession. In the 2016-2017 school year, a total of 13 events were held, attended by more than 5,000 school leavers.

The practice of transferring students from other universities is regulated by the Decree of the Government of the Republic of Kazakhstan of January 20, 2015, No. 19 "Rules of Translation and Restoration, Learning by Types of Organization of Education."

In accordance with the mission of the university, where the training of competitive health care professionals is based, the admission policy is aimed at selecting the best entrants. The national status, the competitiveness of the university in the educational services market, the leading places in the rating of universities, medical universities of the Republic of Kazakhstan and the educational program on medicine according to the data of national independent rating agencies (IAAR, IKAQAE), the Center for the Bologna Process and academic mobility of the MES RK, undoubtedly influence the choice university among entrants. This is evidenced by a significant number of holders of the sign "Altyn belgi", winners of international and republican Olympiads and scientific competitions, annually credited to KazNMU.

Following the mission of the university and the mission of the educational program is traced when transferring the student from the course to the course. Passing score, characterizes the improvement of the quality of training and its level from the course to the course has an increasing tendency. Transfer of students from the course to the course is carried out on the basis of the established transfer point GPA with mandatory consideration of prerequisites. The value of the minimum transfer point for the transfer from the course to the course is established by the decision of the University Council (No. 562 of 03.10.2017) for the current academic year.

The admission policy is periodically reviewed, the eligibility criteria are improved, which should reflect the ability of students to become physicians of the required competence. When reviewing the policy of admission of students takes into account the opinion of all stakeholders, including employers and students of junior courses. Relevant data from the public and health professionals are provided by the availability of special grants. The university pursues a policy of balanced recruitment of students based on their gender, ethnicity and other social requirements, including the potential need for a special admission policy for students from poor families. All of the above allows us to meet social obligations and needs in the field of public health.

Along with citizens of the Republic of Kazakhstan, an educational grant is granted to persons of Kazakh nationality who are citizens of other states, foreign citizens and stateless persons permanently residing in the Republic of Kazakhstan, as well as citizens of the Republic of Afghanistan, the Russian Federation, the Republic of Belarus, the Republic of Tajikistan and the Kyrgyz Republic. The right to receive free higher education by foreigners on a competitive basis in accordance with the state educational order is determined by international treaties of the Republic of Kazakhstan. Currently, the University trains 1055 foreign nationals.

According to the Standard Rules of the Rules for Conducting a Unified National Testing and Comprehensive Testing, approved by the order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan of May 2, 2017, No. 202, for the period of testing in order to comply with unified requirements and resolve disputable issues of applicants, a Republic Appeal Commission and an Appeal Commission basic university. The commission in the PCUNT and the basic university accepts and examines applications for appeals from incoming test tasks and for technical reasons.

The number of students accepted is regulated by the State Order of the Ministry of Health of the Republic of Kazakhstan for the training of medical personnel and the material, technical and educational facilities of KazNMU.

The advisory work in the departments consists of counseling during the semester and just before the examination session. Before the beginning of each examination session, the department develops and approves a schedule for consultation on disciplines. To conduct the consultation, experienced teachers, associate professors, professors, lecturers in relevant disciplines are involved. In addition, before the beginning of each semester, the teacher of the group informs their students about the schedule of their work, when students can come for consultations on this discipline. Information about the teachers is available on the portal of Sirius KazNMU.

The curator facilitates the practical implementation of the individual educational support for the student, aimed at the formation of a harmoniously developed personality in the learning process in the university.

In KazNMU, the student support program includes: scholarships for the grant, a scholarship fund for the university, social support for various categories of students, a personal growth program funded from the KazNMU funds, the "Student Health" program. Employees of the Center for Communication Skills. D. Draper KazNMU, together with the specialists of the Department of Communication Skills, provide psychological support to students from 1 to 7 courses, conduct more than 100 trainings in one year.

The procedure for calculating scholarships for students on a state educational grant is determined in accordance with the approved Rules for the payment of state scholarships for certain categories of students in educational organizations (Order No. 116 of the Ministry of Education and Science of the Republic of Kazakhstan of 07.02.2008).

Students who study on a paid basis have the opportunity, according to the approved Rules for

awarding an educational grant for payment of higher education (Government Decision of January 23, 2008, No. 58) to participate in the competition and apply for vacancies for training on the basis of state educational grants. The competition is held on the basis of the results of interim certification with the issuance of a certificate of award of an educational grant. The award of vacant educational grants is carried out during the summer and winter holidays, on available vacancies for transfer on a competitive basis.

According to the Decree of the Government of the Republic of Kazakhstan dated May 17, 2000 No. 738 "On the amounts and sources of social assistance to citizens during their education", students from orphans, graduates of orphanages and parents left without parental care are compensated for food during the year.

There are 7 dormitories with a total of 3000 seats in the University. There are 1 dining room and 3 buffets at the university, where students receive hot meals throughout the day.

KazNMU has opened the Center for Communication Skills named after Julia Drapper, which includes psychologists who constantly provide psychological support and training to students.

Medical care of students is carried out in the Clinic of Internal Medicine and the Educational Clinical Center of Asfendiyarov KazNMU and annually by the forces of the faculty of the University pass medical examination of students. Since 2010, the program "Student Health" is being implemented, which is coordinated by the Department for Clinical Work. On the campus there is a medical center.

The university has a sports complex of 1200 sq.m, equipped with modern standards, open sports grounds 540 and 1020 square meters. m, boxing hall of 40 square meters. m, there are sports sections. Students have the opportunity to participate in competitions for a selected sport for the team of their faculty.

Analytical part

The policies and procedures for admission to the KazNMU are clear, consistent with the mission, vision and goals of the university, which are officially published and available to all future students (the website of the University www.kaznmu.kz, the newspaper *Kazakhstanskaya Pravda*, the stand and the booklet "Abiturient").

The number of students per teacher is 1 to 6. The occupancy of the academic group, the subgroup and the academic flow corresponds to the requirement of the State Educational Establishment 2017 "Contingent of trainees".

The development, management and evaluation of educational programs by students is provided through constant feedback, directly at lectures and practical (laboratory) classes, reviewing written applications of students. Students independently choose the forms of instruction and discipline that they would like to deal with, credit technology also requires an independent determination of the individual trajectory of education. All of the above mechanisms provide students with a sufficiently high degree of management of the educational program. To advise and support students at the university, there is a practice of academic counseling, which is implemented by the deputies of the deans, curators, tutors and staff of all departments.

The faculty uses all the main directions, forms and methods of organization of educational work, adopted in universities. The plans for the work of the dean's office and departments contain a section of educational work with students. Issues of educational work at least 2 times a year are considered at the meetings of the Academic Council, the administration, the Council of the Faculty, the dean's office and the departments. For all the activities carried out, there are reports (minutes of events and photographs).

The chairmen of all student organizations are included in all the advisory bodies of the university (cathedral meetings, methodical meetings, CEP, Council of Schools, University Council).

All student organizations work according to the approved Regulations. Students of the University, in order to form social competence, active citizenship, improve professional qualities, are represented in the management bodies of the university.

In order to represent the social, managerial and educational interests of students under the leadership of the USG chairman, the "Student Council of the University" was created. Regular meetings of students with the university administration, professors, academicians, employees of the

Internal Affairs Directorate, the migration department, and the juvenile affairs inspectorate are held regularly.

Strengths/best practice

Mapping of final results, their comparison with assessment methods and qualification requirements

- ✓ Use of AMEE guides and evidence base for determining evaluation methods
- ✓ Participation of students in the discussion of control and measuring tools during CPCs
- ✓ A new educational program based on the GOSO 2017, "student-centered approach" in training
- ✓ The use of the modular approach reduced the number of assessments and the burden on students
- ✓ Test automation and implementation of self-administered simulations for assessing clinical skills
- ✓ Participation of standardized patients in the evaluation of final control in some specialties
- ✓ Provision of a formative assessment in the format 360 in the conduct of classes in the format TBL (student-student-AS-self-assessment)

Recommendations:

- ✓ Improve the methods and forms of independent work of students.
- ✓ Improve the policy of admission and selection of students in accordance with the mission of the university.
- ✓ To find an opportunity to provide students with places in dormitories, to improve social and living conditions for living, to provide conditions for students' rest in the buildings of educational buildings and the library.
- ✓ Improve the availability of medical and laboratory equipment of theoretical and clinical departments, a center of practical skills.
- ✓ Increase the involvement of students in research.

Conclusions of criteria: (strong / satisfactory / suggest improvements / unsatisfactory) In general, according to this Standard, the activities of the organization meet the criteria. Quantitative indicators reflecting the organization's compliance with the criteria of the Standard are as follows:

Strong positions - 5, satisfactory -2, suggest improvements - 0, unsatisfactory – 0.

6.5. Academic Staff / Teachers Standard

KazNMU named after S.D. Asfendiyarov defined and implemented the policy of selection and admission of employees, presented in the Rules of Competitive Substitution of Teaching and Scientific Staff of KazNMU named after S.D. Asfendiyarov, determining the category, balance of the academic staff of teachers of basic biomedical sciences, behavioral and social sciences for the adequate implementation of the educational program. The rules define:

- the proper ratio between medical and non-medical teachers working full-time and part-time and the balance between academic and non-academic staff;
- criteria for scientific, pedagogical, clinical merits, taking into account the proper correlation between pedagogical, scientific and non-academic qualifications;
- monitoring the responsibility of the academic staff of basic biomedical, behavioral, social and clinical sciences;
- relationship to your mission, the importance of local conditions;
- economic opportunities, taking into account the institutional conditions for the financing of employees and the efficient use of resources.

Organizational-staff structure, the practice of selection and study, enrollment and placement of personnel, the formation of a quality reserve of the university are aimed at creating the necessary conditions for effective activities to solve educational problems.

Special attention is paid to the young teachers: mentoring is organized, assistance is provided in mastering theoretical and practical materials in the content of the program and organization of the educational process.

According to the normative legal documents, the annual workload of the teaching staff is determined. The workload includes the amount of hours spent on the subject of teaching, counseling and examinations, and supervision. Implementation of the training load is reflected in the training journal, in the teacher's reports on the educational, methodological and educational work done.

The Department for Academic Work annually works on the preparation of working curricula in the specialties, the calculation of hours for the discipline, on the basis of which the staff list of the University is developed and approved.

At the beginning of the academic year, the teachers make up "Individual work plans", which are considered at the meetings of the cycle methodological commissions.

The system of professional development of the University's IWP is implemented on three levels:

a) intra-university training of personnel, which takes place through the study of trends in the development of education, new pedagogical technologies, forms and methods of organizing the educational process at pedagogical, methodological councils, meetings of the CMC;

b) upgrading the qualifications of IWP through participation in methodological seminars, scientific and practical conferences of city, republican and international level;

c) advanced training in special professional courses organized at various levels.

The analysis of the qualitative and quantitative composition of the AS for the period 2012-2018 showed that there is an increase in the number of employees holding a doctorate in science from 159 to 195 people, a Ph.D. from 430 to 479 people. 130 employees have a master's degree, 24 employees have a PhD degree.

The number of faculty members with qualifying medical categories in the academic year 2017-2018 was: with the highest category of 572 (of which 186 part-timers) of teachers, with the first category - 92 (of which 36 part-time students), with the second category - 35 (of them part-timers 21) with a certificate without a category - 421 (of which 115 are part-time employees).

The questioning of the AS, conducted during the visit of the IAAR EEC, revealed that the implemented

The university's innovation incentive system has 95.0% of satisfaction; availability of necessary scientific and educational literature in the library for teachers -92.5%, use of own innovations in the learning process - 100%, the possibility for continuous capacity development - 97.5%, the level of stimulation and attraction of young professionals -97.5%, work on professional development - 90,0%, stimulation and attraction of young specialists to the educational process - 97,5%. At the same time, a little lower the respondents estimate the possibility to combine teaching - 87.5% of satisfaction with applied activity, with 87.5% satisfaction with scientific research.

Analytical part

Based on the results of the study and analysis of documents that meet the criteria of the Standard, it follows that with a sufficiently flexible organizational structure and high staff potential at the University, the internal system of information and methodological support, monitoring and support for the continuous professional development of teachers is well-formed (generalization of advanced pedagogical skills);

- Mechanisms of introduction of information technologies and innovative methods of teaching are sufficiently well developed on the basis of monitoring and evaluation of the effectiveness of their use (study, synthesis and dissemination of positive pedagogical experience, development and replication of author's educational and methodological products, etc.).

Strengths/best practice

✓ The organization demonstrates the recruitment system based on the needs analysis of the EP. Selection and placement of personnel is carried out on the basis of approved procedures, taking into account the business and professional qualities of applicants.

✓ Distribution of teachers in disciplines is carried out in accordance with their qualifications for the diploma and / or work experience, all personnel procedures are transparent;

✓ The pedagogical collective actively participates in the life of the professional community.

Recommendation:

- ✓ Continue the introduction of a policy of activity and development of employees, allowing to maintain a balance between teaching, scientific and service functions, including setting the time for each activity, taking into account the needs of the university;
- ✓ Continue the introduction of a modern information technology and innovative teaching methods based on monitoring and assessing the effectiveness of their use;
- ✓ Improve the system of information and methodological support of teachers
- ✓ Intensify work on the development of internal and external academic mobility of teachers.
- ✓ Activate the publication activity of the AS in the journals indexed in the Web of Science, Scopus databases.
- ✓ To increase the training of staff in the methodology of scientific research, to involve international partners and a strategic partner more widely in joint research.
- ✓ Improve the evaluation system for academic activities, taking into account the personal and professional growth of the AS potential.
- ✓ Continue the practice of improving the differential pay.
- ✓ Improve the work on language courses for AS to develop a policy of multilingualism.

Conclusions on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

In general, according to this Standard, the activities of the organization meet the criteria.

Quantitative indicators reflecting the organization's compliance with the criteria of the Standard are as follows: Strong positions - 3, satisfactory - 2, unsatisfactory – 0

6.6. Standard "Educational Resources"

The Evidence

The University has a developed material and technical base for conducting educational and scientific-educational processes in the fields of specialization and training.

KazNMU has 7 educational buildings. Lecture halls are equipped with the necessary means of technical support-stationary multimedia projectors and are designed for 2040 seats. Study rooms are designed from 12 to 60 seats. Training rooms are located inside the academic buildings and in the buildings of clinical bases.

The university library consists of 6 departments: reference and bibliographic department, collection and storage of literature, department of scientific processing of literature and cataloging, department of automation and electronic resources, subscriber department for students of all courses of study and scientific and methodical.

In addition, there are: an electronic reading room, designed for 43 computers; Internet room - for 70 computers; scientific reading room; reading rooms; Reading room of the Republican Scientific Medical Library.

The Scientific library of KazNMU signed contracts with international companies for access to the following databases:

1. Agreement No. 945 of 01.11.2017 on providing access to the Cochrane Collection Plus electronic resource of the international company EBSCO.
2. Agreement of 01.02.2018 on providing access to the electronic resource of DynaMed Plus.
3. Agreement No. 688 of 19.09.2017 on providing access to the electronic resource of the Discovery Service of the international company EBSCO.
4. Agreement No. 101 of May 12, 2017 for providing online access to the electronic information resources of the Web of Science of Clarivate Analytics and SpringerLink, on a free-of-charge basis.
5. Agreement No. 492 of June 19, 2017 on providing access to the electronic resource Medline Complete and eBooks Clinical Collections of the international company EBSCO.
6. Contract on public procurement of services No. 70 dated February 28, 2017 for access to the Republican interuniversity electronic library.

The total amount of the fund of educational and scientific literature is 1 459 864 copies. The

University has 110 clinical bases of various profiles in Almaty, as well as medical facilities in Almaty, Zhambyl and Kyzylorda region.

The faculty is represented by 732 employees of the University. In general, KazNMU implemented a transition from the use of individual computers to the intra-university computer network. The automated information system Sirius, which automates the management of educational, administrative, organizational and accounting and analytical processes at the university in a complex and is most adapted for medical education, has been introduced and actively adapts to the conditions of processes in KazNMU. When analyzing the report and during the work of the EEC, there was a lack of contracts with clinical bases for conducting professional practice.

Visual inspection and questioning of students revealed insufficient provision of students with safety when working in laboratories and with equipment.

Analytical part

According to the "Educational Resources" standard, it can be noted that accessibility for trainees of organized information is provided for the learning process for all educational programs. In the university, free access to educational Internet resources is organized, information technologies are introduced.

The practical skills center is equipped with modern mannequins, phantoms and models for processing practical skills, skills in special disciplines and conducting an objective structured clinical exam.

The WEC has not submitted a policy on the use of expertise in education, namely, in the development of an educational program, in the development of methods for teaching and evaluating knowledge and skills. There is no evidence of the use of internal / external expertise in the field of medical education to develop the capacity of staff. It is necessary to pay attention to the development of expertise in assessing education and in medical research.

Strengths / best practice

- ✓ Availability of material and technical base (educational buildings, clinics, scientific library with electronic reading rooms and book fund, computer and interactive classes, laboratories);
- ✓ Rendering medical and diagnostic assistance to the city's population in the framework of clinical training of students
- ✓ Unlimited access to the Internet and internal information resources;
- ✓ Full automation of all stages of the educational process organization through a single automated information system "Sirius" (from admission to release, feedback through online questioning, etc.);
- ✓ Availability of e-services and services for students, teaching staff and staff (providing transcripts, references, organizing a competition for vacant educational grants, providing places in a hostel, etc.)
- ✓ Availability of access to international electronic databases (Cochrane Library, Web of Science, etc.);
- ✓ Presence of an international strategic partner;

Recommendations:

- ✓ Ensure the implementation of the Order of the Minister of Education and Science of the Republic of Kazakhstan No. 93 of January 28, 2016 regarding the conclusion of tripartite agreements between students, the enterprise and the university.
- ✓ Provide a safe environment for employees, students and patients, compliance with safety regulations in laboratories and when using equipment;
- ✓ Define and implement an examination policy for the development of an educational program, methods of teaching and assessment of knowledge and skills
- ✓ Continue work to increase the capacity of the faculty.
- ✓ Continue work on equipping with IT equipment, increase the speed of Internet connection, and increase access points to the Internet.

Conclusions of the WEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory) Strong-6, Satisfactory -4, suggest improvements – 3, unsatisfactory-0

6.7. Standard "Evaluation of the educational program"

The Evidence

The report presents the questionnaire data on the key aspects of the educational program for monitoring the EP.

In connection with the launch of the Densaulyk 2016-2019 health development program, the Modernization of Medical Education Roadmap and the State Educational Establishment of 2017 in KazNMU, a unified form of a program evaluation mechanism based on AMEE recommendations and world experience, a combination of the logical model and the Kirkpatrick model was adopted.

The results of the assessment of the educational program and key indicators of the University are the achievement of the final results. These facts indicate the focus of the logical model of the evaluation of the educational program on the progress of students on the final results of the educational program.

The results indicated in the logical model are estimated in dynamics 1 time in the half year (reports on achievement of the indicators of the strategic plan). This process is coordinated by the Department for Corporate Development, Strategy and Risk Management. The questionnaire "Teacher through the eyes of the learner" and "Satisfaction with discipline" is conducted automatically in AIS Sirius.

The results are presented at the end of each semester at CPC meetings and directly by the head of the departments. In KazNMU, the maximum and minimum acceptable indicators for the satisfaction index are introduced, which allows to determine the level of response to the results of the survey of students. The comments of the students are discussed at the meetings of the departments and KOPs, where proposals are made for changes, which are further discussed and approved / not approved by the Academic Council.

The University has established mechanisms for evaluating the EP, which are aimed at the main components of the EP, the structure, content, use of the mandatory and elective parts.

Analytical part

During the interviewing of students, it was found out that a survey is conducted at the university, feedback after each discipline. An analysis of feedback at the departments is carried out.

During the visit of the EEC, the chairs were visited selectively: the Department of Children's Diseases No. 1 - the clinical base of the CCCH No. 2. Conducted interviews with AS (Head of department, doctor of medical sciences Tashenova G.T., head teacher Sagimov R.Sh., assistant professor Nurgalieva Zh.Z., associate professor Orynbasarova K.K., associate professor Dosym D.B.) and the staff of the clinic (Akenbekova A.Zh.-oz.gl.vracha for clinical work, Satylganova Z.S. - head of the department of cardiology). Assessment of educational programs is conducted regularly. The staff of the department and the clinic work in close cooperation.

Members of the EEC visited the Department of Obstetrics and Gynecology, clinical base - the city maternity hospital № 5. The chairs featured syllabuses, the Sirius electronic system, and magazines. Interviews were conducted with students from English, Kazakh and Russian branches. Comments on teaching methods, student assessments for different activities, clinical practice of students are positive. A conversation was held with the staff of the department headed by the head of the department, Isenova S.Sh., and the staff of the clinic, headed by the acting head. director Mukhamedzhanov Zh.A. Reviews about the educational program, methods of teaching and evaluation of students are positive.

During interviews with employers, they were recommended to include in the specialty "Public Health", "General Medicine" through the discipline of the disciplines of choice -

management, human resources management, communication skills.

Strengths / best practice

– 0

6.8. Standard «Management and administration»

On the basis of the Regulation "On remuneration of labor, bonuses, rendering material assistance to workers of the RSE on PHV" KazNMU im. S.D. Asfendiyarov, approved by the Order of the Rector of the University No. 646 of 06.06.2017. the criteria for key performance indicators of the teaching staff and the procedure for organizing the system of their remuneration aimed at improving the quality of educational and medical services, material incentives for employees, the development of creative activity, stimulating their professional growth and increasing responsibility for the final result, depending on his personal labor contribution and the final results of the work of the University as a whole.

The University has financial independence, which consists in drawing up a financial plan, budgeting, determining the cost of paid educational services, calculating the cost of tuition. This allows you to freely dispose of the funds received according to their designated purpose

To provide the educational program, funds are allocated for the acquisition and equipping of the material and technical base of the university and clinics, hostels, sports grounds, replenishment of the library fund (periodicals, educational, educational, methodical, scientific and fiction), access to the databases of the leading international electronic resources in health.

The university plans and develops the processes necessary to ensure the quality of the educational service: the definition and analysis of the requirements of consumers (learners), the design and development of new educational programs (including the introduction of changes and additions to the program), the preparation and organization of the educational process (development of working curricula, preparation of the teaching and methodological complex of the specialty / discipline, working training programs, individual working curriculum of the undergraduate / doctoral student), implementation of training activities and quality control of the training process.

In KazNMU, a quality management system has been created and is functioning that meets the requirements of the international standard ISO 9001: 2015. In June 2017, SGS conducted a re-certification audit of the QMS with the issuance of a certificate (certificate CH17 | 0842 is valid from July 31, 2017 to June 19, 2020). Activities carried out in improving the quality of management of educational activities and the quality of educational services necessary to maintain customer satisfaction require further improvement.

A system of independent internal audit has been created and is functioning in KazNMU.

Internal audit is conducted to obtain a comprehensive analysis of activities and management, and when making strategic decisions, the results of such analysis are taken into account.

The mechanism of interaction of KazNMU as a state medical higher educational institution with the healthcare sector is regulated by the legislation of the Republic of Kazakhstan, agreements and agreements with health authorities and health organizations. Joint activity of the university with clinical bases, the number of which is 82 organizations, is carried out through the Treaty. The faculty of the university provides therapeutic and diagnostic assistance to practical public health services in the framework of clinical training of trainees and conducts (planned rounds, clinical assessments, advises doctors and patients on sanitary aviation, participates in consultations).

So, for example, the mechanisms of identifying, analyzing, evaluating and preventing risks for the organization and certain types of its activities are not sufficiently developed at the university. The university requires an analysis of the organizational structure and optimization of deans with the introduction of consistent education within the specialty - bachelor's-interguru-magistracy-doctoral studies.

The university has certain mechanisms for studying, identifying and analyzing the degree of satisfaction of the needs of teachers, staff and students. The result of satisfaction of the needs of the students is moving to a new building of basic disciplines (histology, pathological anatomy, pathological physiology, pharmacology), opening of the buffet, expansion of the simulation center.

The results of the survey of pedagogical personnel conducted within the framework of the visit of the EEC on this Standard testify to 95% satisfaction with a sense of security and tranquility; 87.5% - availability of leadership for teachers;

95% of respondents are satisfied with the involvement of the AS in the process of making managerial and strategic decisions and encouraging the innovative activity of the AS. 87.5% noted - the perception of the leadership and administration of the university criticism in his address.

40 people (31 of them (77.5%) in Russian and 9 (22.5%) in the Kazakh language of instruction), demonstrated their positive assessment of the University's compliance with the criteria of this Standard. So, for example, the level of feedback of the AS with the guidelines for assessing respondents is 87.5% of satisfaction.

Questioning of trainees, in which they took part - at the level of "Informing about the requirements for successfully completing this specialty", 98.7%

92.5% of the respondents are "completely satisfied" with the accessibility of the university's management.

Analytical part

KazNMU systematically and consistently developing university in accordance with the organizational structure, strategic development plan, documented procedures. The collegial management bodies function at the university, to involve stakeholders in discussing strategic directions. The financial stability of the university is determined by the fact that the university's budget is formed from several sources: the republican budget (the state order for the training of university and post-graduate education personnel, the upgrading of medical workers, the development of scientific research, transfers), the local budget, the provision of paid educational and other services.

The salary of the teaching staff is aimed at improving the quality of educational and medical services, material incentives are regulated taking into account achievement of key performance indicators of the faculty, development of creative activity, stimulation of their professional growth.

In the presence of a system of planning, development and continuous improvement in the university, some of its mechanisms are not sufficiently represented. For example, experts of the EEC note that there are insufficient mechanisms for further improving the quality of satisfaction of the needs of other participants in the educational process: teachers, employers.

Strengths / best practice

The organization demonstrates:

The alignment of the organizational structure and documents on its functioning of its own mission and development strategy;

evidence of openness and accessibility of managers and administration for students, teaching staff.

Recommendations:

To improve the mechanisms of constant transparency of the management system and the decisions made.

Increase the allocation of finance for the implementation of educational programs based on the results of studying and analyzing the satisfaction of the needs of teachers, employers;

Continue work on the introduction of corporate governance principles

Quantitative indicators reflecting the organization's compliance with the criteria of the Standard are as follows: Strong positions - 7, satisfactory -3, suggest improvements - 1, unsatisfactory – 0

6.9 Standard "Continuous improvement"

Evidence base

The management system of the university is based on the value-oriented management structure reflected in the "Regulation on the implementation of the continuous improvement strategy" approved on April 24, 2013, capable of ensuring the achievement of the main goal of the educational institution in the implementation of educational programs in the conditions of continuous changes.

During the reporting period, the organizational structure of management is reviewed annually in KazNMU in accordance with the ongoing reform in the field of education and health of the Republic of Kazakhstan, changes in the practice of world educational management. In different years new structural units (Centers, Institutes, schools, etc.) were created and added, the functional tasks of which are aimed at ensuring the quality of educational programs.

The university has implemented a quality management system (certificate CH 17 0842 of July 31, 2017) annually conducted sociological surveys (questionnaires) on the satisfaction of the conditions of work of the faculty staff and staff of the UE and students. Based on the results of the questionnaire after discussion at the meetings of the Quality Council, areas for further improvement are determined, and measures are planned to increase satisfaction. Annually, data are collected on the key indicators of the functioning of the main processes of the university's activities, based on the university's general strategy, including on educational activities, on the educational process.

Reports on the analysis of the management system by management, contain information on the status and results of achieving the goals and targets; the results of audits (inspections) conducted during the reporting period, feedback from consumers; compliance of educational activities with the requirements; implementation of processes in accordance with the requirements reflected in regulatory documents; identified inconsistencies; the status of corrective and preventive actions; follow-up actions arising from previous management reviews; on financial activities related to the quality of services; changes in laws and regulations that could affect the quality management system of educational services; recommendations for improvement.

Based on the results of the management review, decisions are made on improving and improving the educational management, justifying the need to make changes to the OS management system, including updating the training documentation. All decisions taken are documented, on the basis of which action plans are developed and delegated to the appropriate personnel for execution.

Based on the analysis of current activities and past experience, the Policy is being revised to ensure that it is suitable for external and internal aspects that affect the development of the university's educational activities. Update policy and strategic goals reflect future prospects.

The policy of continuous improvement in the selection of personnel with the description of priorities for the formation, registration, accounting, human resource management and development of the human resources of the university, the definition of the admission policy and qualification requirements for staff and teachers is presented in Standard 5 Academic Staff / Teachers. KazNMU them. S.D. Asfendiyarova is one of the 20 universities in the country where, on the recommendation of the Ministry of Education and Science of the Republic of Kazakhstan, there will be offices for

the training of multilingual staff, as well as the training of English-speaking teachers. To attract and select domestic and foreign staff and PPP, as well as to assess the effectiveness of the use of personnel in the university, a recruiting department was created to work out a strategy for the continuous improvement of the staffing structure.

In order to continuously improve the processes of formation of staff adaptation to the changing needs of the university, it is planned: bringing the share of foreign scientists in the total number of staff PPPs to 10%; creation of an environment conducive to the development of international cooperation through training of teaching staff and staff in English (the center of world languages) and the basics of international activity; further preparation of trainees-teachers, young teachers on the basis of the School of Pedagogical Excellence. H.S. Nasybullina; increase in the gradualness of the faculties of the faculty according to the qualification requirements for licensing educational activities through the expansion of the list of training programs for residents and magistracies.

In order to optimize and continuously improve the educational process, the University introduced an automated information system - AIS KazNMU. The access of students to electronic resources via Wi-Fi and free access to the Internet on the territory of the university is ensured and expanded. The process of updating and continuous improvement of educational resources in KazNMU is provided in accordance with the changing needs of the university, taking into account the recruitment of students, the number and profile of academic process of updating and continuous improvement of educational resources in KazNMU is provided in accordance with the changing needs of the university, taking into account the recruitment of students, the number and profile of academic staff, the educational program and modern requirements for training in higher medical education organizations.

Analytical part

In order to continuously improve the updating of educational resources in accordance with the changing needs of the medical education organization, it is planned: further development of international cooperation and partnership with foreign universities and centers; development of joint educational programs with foreign partner universities; increase the possibility of two-diploma education; development of interdisciplinary, interuniversity and international relations within the framework of the development of educational programs; the creation of a video library of lectures by the best lecturers of the University and visiting representatives of professors; the introduction of distance learning in postgraduate education.

KazNMU improves the mechanisms of continuous improvement of educational programs implemented and ensures the quality of the program management process. Educational programs are regularly studied and evaluated through feedback from students, the teaching staff and stakeholders, including employers, as well as the analysis of student learning achievements.

KazNMU constantly improves the procedures for validating and verifying educational programs at the level of the department, faculty, university with the inclusion of all aspects (context, resources, indicators of achievement, customer satisfaction, employment) and a wider range of stakeholders (stakeholders).

In order to continuously improve and improve the regular monitoring and evaluation of the educational program, it is planned: improving the indicators for evaluating educational programs; automation of the process of determining the satisfaction (on-line questionnaire) of students learning the quality of educational programs; joint work with student assets to improve understanding of the meaning of competences; passing specialized (program) accreditation of educational programs.

The management system of the university involves all stakeholders, including the health sector, in constant improvement and reflects the responsibility of the academic leadership. The university has its own management system that contributes to the achievement of mission and objectives, supports institutional effectiveness and integrity, creates and is constantly updated to ensure effective activities in the face of changing circumstances and the needs of the university.

- ✓ The popularity of the university's brand, the experience of training medical specialists

in the republic;

- ✓ To implement the model of medical education and to ensure the quality of the educational process, a new structure has been created: the department of academic work, committees of educational programs in the areas of training;

- ✓ Presence of a system of professional development and continuous professional growth of teaching staff and staff;

- ✓ Opening of training on new demanded specialties (Pediatrics);

- ✓ Presence of partnerships and cooperation agreements with foreign universities;

- ✓ Introduction of a risk management system;

- ✓ To improve the quality of document circulation, the automated system "Sirius" was introduced;

- ✓ KazNMU is connected to the largest electronic resources - the Cochrane Library, Medicine and Health Care in Russia, Polpred.com, ThomsonReuters, SpringerLink, ELSEVIERSciVerseScienceDirect, SciVerseScopus, Reaxys, Emabse, EngineeringVillage;

- ✓ Kaizen Continuous Improvement Strategy implemented;

- ✓ Presence of a strategic partner (LUNZ).

Recommendations

- ✓ Update the quality management system in accordance with the ISO 9001-2015 standard with the harmonization of documented procedures.

- ✓ Implement, in accordance with the ISO 9001-2015 standard, risk management

- ✓ Implement, according to the ISO 9001-2015 standard, a continuous improvement strategy

Conclusions of the EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

Strong - 7

Satisfactory -5

Suggest an improvement of -0

Unsatisfactory-0

(VII) REVIEW OF STRONG SIDES / BEST PRACTICES FOR EVERY STANDARD

Standard 1. "Mission and final results"

- ✓ The vision, mission and outcomes are mutually agreed;

- ✓ The organization conducts an assessment of strengths and weaknesses in all areas on the basis of which it determines policies and develops a strategic development plan at meetings of advisory bodies.

Standard 2. "Educational programs"

- ✓ The content of the University's educational programs (EP) promotes the development of the professional competencies of the students, taking into account their personal characteristics;

- ✓ The University ensures horizontal integration of the EP and vertical integration;

- ✓ The EP includes modern teaching methods: PBL, CBL, TBL;

- ✓ EP include the achievements of basic biomedical sciences, behavioral, social, clinical sciences, medical ethics are regularly adjusted and new achievements are made, discussed with medical practice and the health system;

Standard 3. "Evaluation of students"

- ✓ Introduction of an integrated approach to training in organs and systems;

- ✓ Individual educational trajectory of the student;

- ✓ Participation of students in RW through the program "Training through research";

- ✓ The opening of the specialty of pediatrics;

- ✓ Clear strategic planning and management;
- ✓ Stable demand for graduates in the labor market.

✓ Mapping of final results, their comparison with assessment methods and qualification requirements

- ✓ Use of AMEE guides and evidence base for determining evaluation methods
- ✓ Participation of students in the discussion of control and measuring tools during CPCs
- ✓ A new educational program based on the SCES 2017, "student-centered approach" in training

✓ The use of the modular approach reduced the number of assessments and the burden on students

✓ Test automation and implementation of self-administered simulations for assessing clinical skills

- ✓ Participation of standardized patients in the evaluation of final control in some specialties
- ✓ Provision of a formative assessment in the format 360 in the conduct of classes in the format TBL (student-student-PPP-self-assessment)

Standard 5. "Academic Staff/ Teachers"

✓ The organization demonstrates the recruitment system based on the needs analysis of the OP. Selection and placement of personnel is carried out on the basis of approved procedures, taking into account the business and professional qualities of applicants.

- ✓ Distribution of teachers in disciplines is carried out in accordance with their qualifications for the diploma and / or work experience, all personnel procedures are transparent;
- ✓ The pedagogical collective actively participates in the life of the professional community.

Standard 6 "Educational resources"

✓ Availability of material and technical base (educational buildings, clinics, scientific library with electronic reading rooms and book fund, computer and interactive classes, laboratories);

✓ Rendering medical and diagnostic assistance to the city's population in the framework of clinical training of students

- ✓ Unlimited access to the Internet and internal information resources;
- ✓ Full automation of all stages of the educational process organization through a single automated information system "Sirius" (from admission to release, feedback through online questioning, etc.);

✓ Availability of e-services and services for students, teaching staff and staff (providing transcripts, references, organizing a competition for vacant educational grants, providing places in a hostel, etc.)

✓ Availability of access to international electronic databases (Cochrane Library, Web of Science, etc.);

- ✓ Presence of an international strategic partner;

Standard 7 "Evaluation of the educational program"

Standard 8. "Administration and Management"

- ✓ The organization demonstrates:
- ✓ compliance of the organizational structure and documents on its functioning with its own mission and development strategy;

✓ evidence of openness and accessibility of managers and administration for students, teaching staff. ***Standard 8. "Continuous improvement"***

- ✓ The popularity of the university's brand, the experience of training medical specialists in the republic;
- ✓ To implement the model of medical education and to ensure the quality of the educational process, a new structure has been created: the department of academic work, committees of educational programs in the areas of training;
- ✓ Presence of a system of professional development and continuous professional growth of teaching staff and staff;
- ✓ Opening of training on new demanded specialties (Pediatrics);
- ✓ Presence of partnerships and cooperation agreements with foreign universities;
- ✓ Introduction of a risk management system;
- ✓ To improve the quality of document circulation, the automated system "Sirius" was introduced;
- ✓ KazNMU connected to the largest electronic resources - "Cochrane Library", "Medicine and health in Russia», Polpred.com, Thomson Reuters, Springer Link, ELSEVIERSci Verse Science Direct, Sci Verse Scopus, Reaxys, Emabse, EngineeringVillage;
- ✓ Kaizen Continuous Improvement Strategy implemented;
- ✓ Presence of a strategic partner (Lithuanian University of Sciences about Health).

(VIII) REVIEW OF RECOMMENDATION ON IMPROVEMENT OF QUALITY

Standard 1 "Mission and Deliverables"

- ✓ The mission statement and vision of the university require communication to all stakeholders and the health sector.
- ✓ Continue work on the formation of its image in the international, scientific and educational space.
- ✓ Simplify the formulation of the vision, making it more concise and understandable for all categories of staff and students.

Standard 2 "Educational program"

- ✓ Improve mechanisms for developing students' ability to learn throughout life;
- ✓ The university should develop regulations on the organization, monitoring and evaluation of SRO;
- ✓ Continue the practice of agreeing the objectives of the educational program with all interested persons.
- ✓ Intensify the development of joint educational programs with universities partners.

Standard 3 "Student Assessment"

- ✓ Continue work on introducing a progressive assessment of students;

Standard 4 "Students"

- ✓ Improve the methods and forms of independent work of students.
- ✓ Improve the policy of admission and selection of students in accordance with the mission of the university.
- ✓ To find an opportunity to provide students with places in dormitories, to improve social and living conditions for living, to provide conditions for students' rest in the buildings of educational buildings and the library.
- ✓ Improve the availability of medical and laboratory equipment of theoretical and clinical departments, a center of practical skills.
- ✓ Increase the involvement of students in research.

Standard 5 "Academic Staff / Teachers"

- ✓ Continue the introduction of a policy of activity and development of employees, allowing to maintain a balance between teaching, scientific and service functions, including setting the time

for each activity, taking into account the needs of the university;

- ✓ Continue the introduction of a modern information technology and innovative teaching methods based on monitoring and assessing the effectiveness of their use;
- ✓ Improve the system of information and methodological support of teachers
- ✓ Intensify work on the development of internal and external academic mobility of teachers.
- ✓ Activate the publication activity of the AS in journals indexed in the WebolScience database, Skopus.
- ✓ To increase the training of staff in the methodology of scientific research, to involve international partners and a strategic partner more widely in joint research.
- ✓ Improve the evaluation system for academic activities, taking into account the personal and professional growth of the AS potential.
- ✓ Continue the practice of improving the differential pay.
- ✓ Improve the work on language courses for AS to develop a policy of multilingualism.

Standard 6 "Educational resources"

- ✓ Ensure the implementation of the Order of the Minister of Education and Science of the Republic of Kazakhstan No. 93 of January 28, 2016 regarding the conclusion of tripartite agreements between students, the enterprise and the university.
- ✓ Provide a safe environment for employees, students and patients, compliance with safety regulations in laboratories and when using equipment;
- ✓ Define and implement an examination policy for the development of an educational program, methods of teaching and assessment of knowledge and skills
- ✓ Continue work to increase the capacity of the faculty.
- ✓ Continue work on equipping with IT equipment, increase the speed of Internet connection, and increase access points to the Internet.

Standard 7 "Evaluation of the educational program"

- ✓ Continue the work on a comprehensive evaluation of the EP with regard to teaching and learning methods, clinical rotations and assessment methods;
- ✓ On an ongoing basis, analyze the students' academic achievements to provide feedback to the structural unit responsible for the selection of students, counseling students and planning the educational program;
- ✓ The catalog of elective disciplines includes credits on - management, IH - management, communicative skills.

Standard 8 "Administration and Management"

- ✓ To improve the mechanisms of constant transparency of the management system and the decisions made.
- ✓ Increase the allocation of finance for the implementation of educational programs based on the results of studying and analyzing the satisfaction of the needs of teachers, employers;
- ✓ To continue work on introduction of principles of corporate management

Standard 9 "Continuous improvement"

- ✓ Update the quality management system in accordance with the ISO 9001-2015 standard with the harmonization of documented procedures.
- ✓ Implement, in accordance with the ISO 9001-2015 standard, risk management
- ✓ Implement, according to the ISO 9001-2015 standard, a continuous improvement strategy

(IX) REVIEW OF THE RECOMMENDATION ON THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION

- ✓ Update the implementation and further certification of the international quality management system.

(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL



Annex 1. Evaluation table "PARAMETERS OF THE INSTITUTIONAL PROFILE"

№	Criteria for evaluation	Position organization of education			
		Strong	Satisfactory	Assumes improvement	Unsatisfactory
MISSION AND FINAL RESULTS					
Mission Definition					
1.	the medical organization of education must determine its mission and bring them to the attention of the interested parties and the health sector .		+		
2.	a mission statement should contain goals and an educational strategy that allows you to prepare doctor:	+			
	competent for the baseline;				
	with an appropriate basis for further careers in any medical field, including all types of medical practice, administrative medicine and scientific research in medicine;				
	able to perform the role and functions of a doctor in compliance with established health sector requirements;				
	prepared for postgraduate studies, includes internship, residency, specialization;				
	with the commitment to lifelong learning, including professional responsibility to support the level of knowledge and skills through evaluation activity, audit, study of own practice and recognized activities in SPA/SME.				
3.	the medical education organization must ensure that the mission statement includes problems of public health, the needs of the health care system and other aspects of the social responsibility	+			
4.	the medical education organization should have a strategic development plan that corresponds to the mission statement, the goals of the medical organization education and approved by the consultative-advisory council of the university.	+			
5.	the medical organization of education must systematically collect, accumulate and analyze information about its activities; to assess the strengths and weaknesses of the university (SWOT-analysis), on the basis of which the administration together with the advisory council of the university should determine the policy and develop strategic and tactical plans.	+			
6.	the mission and goals of the medical education organization should be consistent with available resources, market requirements, ways to support them should be defined and access to information about the mission, the goals of the medical education organization for the public (availability of information in the media, on the university website) should be provided. The mission and goals of the medical education organization are approved at the advisory council of the university.		+		
7.	the medical education organization should ensure that the mission includes the achievements of medical research in the field of biomedical, clinical, behavioral and social sciences.	+			
8.	the medical education organization should ensure that the mission includes aspects of global health and reflects the main problems of global health.	+			
Participation in mission formulation					

9.	the medical education organization must ensure that the main stakeholders participate in the development of the mission.		+		
10.	a medical education organization should ensure that the mission statement is based on the opinion / suggestions of other relevant stakeholders.			+	
	<i>Institutional autonomy and academic freedom</i>				
11.	a medical education organization should have institutional autonomy for the development and implementation of policies for which the responsibility of the faculty and administration, especially with respect to:	+			
	development of educational program;				
	use of the allocated resources necessary for the implementation of the educational program.				
12.	a medical education organization should guarantee academic freedom their employees and students:	+			
	in relation to the current educational program, which is allowed to rely on different points of view in the description and analysis of questions on medicine;				
	in the possibility of using the results of new research, to improve the study of specific disciplines / questions without expanding the educational programs.				
	<i>Learning Outcomes</i>				
13.	the medical organization of education must determine the expected outcomes of the training, which students must demonstrate after the completion, concerning:	+			
	of their achievements at a basic level with respect to knowledge, skills and professional values and attitudes;				
	the appropriate basis for a future career in any branches of medicine;				
	their future roles in the health sector;				
	their subsequent postgraduate training;				
	their commitment to lifelong learning;				
	health needs of public health, health system needs and other aspects of social responsibility;				
14.	the medical education organization must ensure that the student fulfills obligations towards doctors, teachers, patients and their relatives in accordance with the Code of Conduct. The medical organization of education should:		+		
	to determine and coordinate the relationship of the final learning outcomes required upon completion with those required in postgraduate studies;				
	to determine the results of involving students in conducting research in medicine;				
	pay attention to the final results related to global health.				
	<i>Total</i>	9	4	1	
	<i>EDUCATIONAL PROGRAM</i>				
	<i>Model of educational program and teaching methods</i>				

15	the medical education organization should determine the model of the educational program including an integrated model based on disciplines, organ systems, clinical problems and diseases, a model based on module chili spiral design.	+			
16	a medical education organization should determine the methods of teaching used <i>and education.</i>	+			
17	the medical education organization must ensure that the educational program develops the students' ability to learn throughout the whole life.			+	
18	a medical education organization should ensure that the educational program is implemented in accordance with the principles of equality.		+		
19	the medical organization of education should use the educational program and methods of teaching and learning based on modern teaching principles that stimulate, prepare and support students and ensure the formation of student responsibility learning.		+		
	Scientific method				
20.	the medical organization of education should teach the students throughout the entire training program:		+		
	principles of scientific methodology, including methods of analytical and critical thinking;				
	principles of scientific methodology, including methods analytical and critical thinking;				
	scientific methods of research in medicine;				
	evidence - based medicine that require the appropriate competence of teachers and will be an obligatory part of the educational program and will involve medical students in conducting or participating in small scientific - research projects.				
21.	the medical organization of education should include in the educational program elements of fundamental or applied research that include mandatory or elective analytical and experimental studies, thereby		+		
	<i>promoting participation in the scientific development of medicine as professionals and colleagues.</i>				
	Basic Biomedical Sciences				
22.	a medical education organization should in the educational program to define and include:	+			
	achievement of basic biomedical sciences for the formation of students' understanding of scientific knowledge;				
	concepts and methods that are fundamental for the acquisition and application of clinical scientific knowledge.				
23.	the medical organization of education should, in the educational program, adjust and make new achievements in biomedical sciences for:	+			
	scientific, technological and clinical developments;				
	current and anticipated needs of society and the health system.				
	Behavioral and social sciences and medical ethics				
24.	the medical organization of education should identify and include in the educational program of achievement:	+			
	<i>Behavioral Sciences;</i>				

	<i>Social Sciences;</i>				
	<i>Medical ethics;</i>				
	<i>medical jurisprudence that will provide knowledge, concepts, methods, skills and attitudes necessary to understand the socio-economic, demographic and cultural causes of the causes, the spread and consequences of medical health problems, as well as knowledge of the national health system and patient rights, which will facilitate the analysis of problems health of society, effective communication, the adoption of clinical decisions and ethical practice.</i>				
25.	the medical organization of education follows in educational program to adjust and make		+		
26.	the medical organization of education should, in the educational program, identify and implement the achievements of clinical sciences and ensure that students:		+		
	acquire sufficient knowledge and clinical and professional skills in order to assume appropriate responsibilities, including activities related to health promotion, disease prevention and patient care.				
	spend a reasonable part (one-third) of the program in planned contacts with patients, including consideration of the appropriate number of goals, and their sufficiency for training in appropriate clinical bases;				
	conduct work on health promotion and prevention;				
27.	the medical organization of education must establish a certain amount of time for the training of the basic clinical disciplines, including internal diseases, surgery, psychiatry, general medical practice (family medicine), obstetrics and gynecology, pediatrics.	+			
28.	the medical education organization should organize clinical training with appropriate attention to the patient's safety, including monitoring the student's activities in the clinic.		+		
29.	the medical organization of education should, in the educational program, adjust and make new achievements in the clinical sciences regarding:	+			
	scientific, technological and clinical developments;				
	current and anticipated needs of society and the health system.				
30.	the medical education organization must ensure that each student has an early contact with real patients, including a gradual involvement in the care of the patient, including the responsibility for examining and / or treating the patient under supervision, which is carried out in appropriate clinical bases.			+	
31.	the medical education organization should structure the various components of teaching clinical skills in accordance with the specific stage of the training program.	+			
	<i>Structure of the educational program, content and duration</i>				
32.	the medical education organization should provide a description of the content, volume and sequence of courses and other elements of the educational program in order to ensure that the appropriate relationship between basic biomedical, behavioral and social and clinical disciplines	+			
33.	a medical education organization should in the educational program:	+			
	to ensure the integration across the contiguous sciences and disciplines;				
	ensure vertical integration of clinical sciences with basic biomedical and behavioral and social sciences;				

	to provide an opportunity for elective content (electives) and to determine the balance between the compulsory and elective part of the educational program, including a combination of mandatory elements and elektivov or special components to increase;				
	to determine the relationship with complementary medicine, including non-traditional, traditional or alternative practice.				
	Program Management				
34.	the medical organization of education should determine the structural unit responsible for the educational programs, which, under the supervision of the academic leadership, is responsible and has the authority to plan and implement the educational program, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, student evaluation and evaluation of the educational program and training courses , in order to ensure the achievement of the final results of training.	+			
35.	a medical education organization should guarantee representation from teachers and students in the structural unit responsible for educational programs.	+			
36.	Medical Education Organization should through the structural unit responsible for educational programs to plan and implement innovations in the educational program.		+		
37.	the medical education organization should include representatives from other relevant stakeholders, the structural unit of the medical education organization responsible for educational programs, including other participants in the educational process, representatives from clinical bases, graduates of medical education organizations, health professionals involved in the learning process or other teachers of the faculties of the university.		+		
	Relationship with medical practice and health system				
38.	the medical education organization should provide an operational link between the educational program and the subsequent stages of training (internship, specialization, NDP / NM) or practices to which the student will begin at the end of the training, including identifying health problems and determining the required learning outcomes, a clear definition and description of the elements educational program and their relations in different stages training and practice, with due regard to local,	+			
	<i>national, regional and global conditions, as well as feedback to / from the health sector and the participation of teachers and students in the work of a team of specialists in the provision of health care.</i>				
39.	the medical education organization should ensure that the structural unit responsible for the educational program:	+			
	takes into account the peculiarities of the conditions in which the graduates are to work and accordingly modify the educational program accordingly;				
	considers the modification of the educational program based on feedback from the public.				
	Total	14	9	2	
	EVALUATING STUDENTS				
	Evaluation methods				
40.	the medical organization of education shall:	+			

	to determine, approve and publish the principles, methods and practices used to assess students, including the number of exams and other tests, the balance between written and oral examinations, the use of evaluation methods based on criteria and reasoning and special examinations (OSEC or Mini-Clinical Examination), and also to determine the criteria for establishing passing scores, grades and number of reaseasible permits;				
	ensure that the evaluation covers knowledge, skills and professional values and attitudes.				
	use a wide range of evaluation methods and formats depending on their "utility evaluation", which includes a combination of validity, reliability, influence training, acceptability and effectiveness of evaluation methods and format;				
	ensure that the methods and results of the assessment are avoided conflict of interest;				
	ensure that the evaluation process and methods are open (accessible) for external experts to study.				
41.	the medical organization of education should:	+			
	<i>document and evaluate the reliability and validity of evaluation methods, which requires an appropriate quality assurance process for existing practices evaluation;</i>				
	implement new assessment methods in accordance with the need;				
	use the system to appeal the results of the evaluation.				
	<i>The relationship between evaluation and learning</i>				
42.	the medical organization of education should use the principles, methods and practices of evaluation, including the students' academic achievements and the assessment of knowledge, skills, professional values of relations which:	+			
	are clearly comparable to the methods of teaching, teaching and the final results of the teaching;				
	ensure that students reach the final learning outcomes;				
	facilitate learning;				
	provide an appropriate balance between formative and cumulative assessment in order to manage learning and assess the student's academic progress, which requires the establishment of rules for assessing progress and their relationship to the process of evaluation.				
43.	the medical organization of education should:		+		
	<i>regulate the number and nature of examinations of various elements of the educational program in order to promote knowledge and integrated learning to avoid negative effects on the learning process, and to exclude the need to study excessive amounts of information and congestion educational program;</i>				
	guarantee the provision of feedback to students on the basis of evaluation results.				
	Total	2	2		
	STUDENTS				
	<i>Policy acceptance and selection</i>				
44.	the medical organization of education shall:	+			

	identify and implement an admission policy, including a clearly established position on the student selection process, which includes justification and selection methods, such as results of training in high school, other				
	<i>relevant academic experience, other entrance examinations and interviews, assessment of motivation to become a doctor, including changes in needs related to the diversity of medical practice;</i>				
	have a policy and implement the practice of accepting students with disabilities in accordance with current laws and regulations of the Republic of Kazakhstan;				
	have a policy and implement the practice of transferring students from other programs and medical organizations education;				
45.	the medical organization of education shall:		+		
	establish relations between the selection of students and the mission of the medical education organization, the educational program and the desired quality graduates;				
	periodically review the policy of admission on the basis of relevant data from the public and professionals in order to meet the health needs of the population and the society as a whole, including consideration of the recruitment of students based on their gender, ethnicity and language, and the potential need for a special admission policy for students from low-income families and national				
	use the system to appeal decisions on admission.				
	<i>Recruiting students</i>				
46.	the medical organization of education must determine the number of students admitted in accordance with the material and technical capabilities at all stages of education and training. The decision to recruit students presupposes the need to regulate the national requirements for human resources for health, in the case when medical educational organizations do not control the number of students recruited, then it is necessary to demonstrate their obligations by explaining all relationships, paying attention to the consequences of the decisions made (imbalance between student recruitment and material and technical, and academic potential of the university).	+			
47.	a medical education organization should periodically consider the number and contingent	+			
	in consultation with relevant stakeholders responsible for the planning and development of human resources in the health sector, as well as with experts and organizations on the global aspects of human resources for health (such as the inadequacy and uneven distribution of human resources for health, the migration of doctors, the opening of new medical schools) and to regulate in order to meet the health needs of the population and society as a whole.				
	<i>Counseling and support of students</i>				
48.	the medical organization of education shall:	+			
	have a system of academic counseling for their students, which includes issues related to the choice of electives, preparation for residency, career planning, the appointment of academic mentors (mentors) for individual students or small groups of students;				
	to offer a student support program aimed at social, financial and personal needs, which includes support in connection with social and personal problems and events, health and financial problems, access to medical care, immunization programs and health insurance, as well as financial assistance in the form of financial assistance, scholarships and credits;				

	allocate resources to support students;				
	ensure confidentiality of counseling and support				
49.	a medical education organization should provide counseling that:		+		
	is based on monitoring the progress of the student and is aimed at the social and personal needs of students, including academic support, support for personal problems and situations, problems with health, financial issues;				
	includes counseling and career planning.				
50.	the medical organization of education should determine and implement the policy of representation of students and their respective participation in the development, management and evaluation of the educational program, and other issues relevant to students, which includes student self-government, the participation of student representatives in faculty councils, universities and other relevant bodies, and also in public activities and local projects of health care.		+		
51.	the medical education organization should support and support student activities and student organizations, including providing technical and financial support to student organizations.		+		
	Total	4	4		
	ACADEMIC STATE/TEACHERS				
	<i>The policy of selection and recruitment</i>				
52.	the medical organization of education must define and implement a policy of selecting and admitting employees, which:	+			
	defines their category, responsibility and balance of academic staff / teachers of basic biomedical sciences, behavioral and social sciences, clinical sciences for the adequate implementation of the educational program, including the proper ratio between medical and non-medical professors, teachers working on full and partial rates and the balance between academic and non-academic employees;				
	contains criteria on the scientific, pedagogical and clinical merits of applicants, including the proper balance between pedagogical, scientific and clinical qualifications;				
	determines and provides monitoring of the responsibilities of academic staff/teachers of basic biomedical sciences, behavioral and social sciences, clinical sciences;				
53.	the medical organization of education follows in its policy on the selection and reception of employees to take into account such criteria as:		+		
	attitude to their mission, the importance of local conditions, including gender, nationality, religion, language and other				
	<i>conditions related to the medical organization education and educational program;</i>				
	<i>economic opportunities that take into account institutional conditions for financing employees and effective use of resources.</i>				
	development policy and staff activities				
54.	the medical organization of education should define and implement the policy of activity and development of employees, which:	+			
	allows you to balance the teaching, scientific and service functions, which include setting the time for each activity, taking into account the needs of the medical education organization and the professional qualifications of teachers;				

	guarantees recognition of the merits of academic activity, with a corresponding emphasis on pedagogical, research and clinical qualifications and is carried out in the form of awards, promotions and / or remuneration;				
	ensures that clinical activities and research are used in teaching and learning;				
	guarantees the adequacy of the knowledge of each employee of the educational program, which includes knowledge of the methods of teaching / learning and the general content of the educational program and other disciplines and subject areas in order to stimulate cooperation and integration;				
	<i>includes training, development, support and evaluation of the activities of teachers, which involves all teachers not only recruited, but also teachers drawn from hospitals and clinics.</i>				
55.	the medical organization of education shall:		+		
	take into account the ratio of "teacher-student" depending on the various components of the educational program.				
56.	the medical organization of education should:	+			
	develop and implement a promotion policy and career development of employees.				
	Total	3	2		
	EDUCATIONAL RESOURCES				
	Material and technical base				
57.	the medical organization of education shall:	+			
	have sufficient material and technical basis for teachers and students to adequate implementation of the educational program;				
	ensure a safe environment for employees, students, patients and those who care for them, including providing the necessary information and protection from harmful substances, microorganisms, compliance with safety regulations in the laboratory and using equipment.				
58.	the medical organization of education should improve the learning environment of students by regularly updating, expanding and strengthening the material and technical base that must correspond development in the practice of teaching.	+			
	Resources for clinical training				
59.	the medical organization of education must provide the necessary resources for students to purchase adequate clinical experience, including, sufficient:	+			
	number and categories of patients;				
	the number and categories of clinical facilities that include clinics (primary, specialized and highly specialized care), outpatient services (including primary health care), primary health care facilities, health centers and other health care facilities, and centers / clinical skills that allow clinical training using the possibilities of clinical bases and provide rotation for the main clinical disciplines;				
	observation of clinical practice of students.				
60.	the medical organization of education should study and evaluate, adapt and improve resources for clinical training to meet the needs of the served population, which will Include consistency and quality for programs	+			

	<i>clinical training regarding clinical bases, equipment, number and category of patients and clinical practice, supervision as supervisor and administration.</i>				
	Information Technology				
61.	the medical organization of education should determine and implement a policy that is aimed at the effective use and evaluation of appropriate information and communication technologies in the educational program.		+		
62.	a 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 health system.				
63.	a medical education organization should: Ensure students' access to relevant patient data and health information systems.	+			
	Research in the field of medicine and scientific achievements				
64.	the medical organization of education shall:	+			
	conduct research activities in the field of medicine and have scientific achievements as a basis for educational program;				
	identify and implement policies that promote the relationship between research and education;				
	provide information on the scientific and research base and priority areas in the field of scientific research medical organization education.				
	the medical education organization should ensure that the relationship between research and education:				
	is taken into account in teaching;				
	encourages and prepares students for participation in scientific Research in the field of medicine and their development.				
	Expertise in the field of education				
65.	the medical organization of education shall:		+		
	have access to expertise in the field of education, where necessary, and conduct an examination that examines the processes, practices and problems of medical education and can involve physicians with experience in research in medical education, psychologists and sociologists in the field of education that is provided by the Department of Medical Education Development university or by attracting expert other national and international institutions.				
66.	the medical organization of education should define and implement a policy on the use of expertise in areas of education:			+	
	in the development of an educational program;				
	in the development of methods for teaching and evaluating knowledge and skills.				
67.	the medical organization of education should:			+	
	provide evidence of the use of internal or external expertise in medical education to develop the capacity of staff;				

	give due attention to the development of expertise in assessing education and in studies in medical education as a discipline, including the study of theoretical, practical and social issues in medical education;				
	to promote the aspirations and interests of employees in conducting research in medical education.				
	<i>Exchange in the field of education</i>				
68.	the medical education organization should identify and implement a policy for	+			
	cooperation at the national and international levels with other medical schools, public health schools, faculties, dentistry, pharmacy and other faculties of universities;				
	<i>transfer and offsetting of educational loans, which includes consideration of the limits of the volume of the educational program that can be transferred from other educational institutions and which can be facilitated by the conclusion of agreements on mutual recognition of the elements of the educational program, and active coordination of programs between universities and the use of a transparent system of credit units and flexible requirements of courses.</i>				
69.	the medical organization of education should:		+		
	promote regional and international exchange of staff (academic, administrative and teaching staff) and students providing relevant resources;				
	ensure that the exchange is organized in accordance with the objectives, taking into account the needs of employees, students, and with ethical principles.				
	Total	8	3	2	
	ASSESSMENT OF THE EDUCATIONAL PROGRAM				
	<i>Mechanisms for monitoring and evaluation of the program</i>				
70.	the medical education organization should have a program for monitoring the educational program, processes and results, including regular collection of data on key aspects of the educational program in order to ensure that the educational process is carried out appropriately and to identify any areas requiring intervention, and data collection is part of the administrative procedures in connection with the admission of students, the evaluation of students and completion of training	+			
71.	the medical education organization should establish and apply mechanisms for evaluating the educational program that:	+			
	are aimed at the educational program and its main components, including the model of the educational program, the structure, content and duration of the educational program, and the use of the mandatory and electoral parts (see. Standard "Educational program");				
	the student's progress has been directed;				
	identify and address problems, including insufficient achievement of the expected final learning outcomes and suggest collecting information about				
	<i>the final results of training, including on identified shortcomings and problems, and are used as feedback in the implementation of corrective action actions and plans, to improve educational programs and curricular programs disciplines.</i>				

72.	a medical education organization should periodically conduct a comprehensive evaluation of the educational program aimed:		+		
	<i>on the context of the educational process, which includes the organization and resources, the learning environment and the culture of the medical education organization;</i>				
	<i>on special components of the educational program, which include a description of discipline and methods of teaching and learning, clinical rotations and methods evaluation</i>				
	on the overall outcomes that will be measured by the results of national licensing exams, benchmarking procedures, international exams, career choices and results of postgraduate education;				
	on their social responsibility .				
	Teacher and student feedback				
73.	the medical organization of education must systematically collect, analyze and provide feedback to the teachers and students, which includes information on the process and products of the educational program, and also include information about unfair practices or inappropriate behavior of teachers or students with and / or legal consequences.	+			
74.	the medical education organization should use the feedback results to improve the educational program.	+			
	Educational achievements of students and graduates				
75.	the medical organization of education should analyze the educational achievements of students and graduates in relation to:	+			
	its mission and the final results of the training of the educational program, which includes information on the average duration of studies, scores, frequency of surrender and failures in examinations, cases of successful graduation and deduction, reports of students on the conditions of training for the first				
	courses on the time spent studying the areas of interest, including components of choice, as well as interviews with students on repeated courses, and interviewing students who				
	leave the training program;				
	<i>provision of resources.</i>				
76.	<i>a medical education organization should analyze the students' academic achievements regarding:</i>		+		
	<i>their previous experience and conditions, including social, economic, cultural conditions;</i>				
	<i>level of training at the time of admission to the medical organization of education.</i>				
77.	<i>the medical organization of education should use the analysis of students' academic achievements to provide feedback to structural units, responsibility:</i>		+		
	<i>selection of students;</i>				
	<i>planning of the educational program;</i>				
	<i>advising students.</i>				
	Involvement of stakeholders				
78.	<i>the medical organization of education should, in its monitoring program and activities to assess the educational program, involve</i>	+			

	<i>teaching staff and students;</i>				
	<i>its administration and management.</i>				
	<i>the medical education organization should be for interested parties, including other representatives of academic and administrative staff, representatives of the public, authorized bodies in the field of education and healthcare, professional organizations, as well as persons responsible for postgraduate education:</i>				
	<i>provide access to the results of the course evaluation educational program;</i>				
	<i>show feedback from them on clinical practice of graduates;</i>				
	<i>demonstrate feedback from them on the educational program.</i>				
	Total	6	3		
	MANAGEMENT AND ADMINISTRATION				
	Management				
79.	the medical organization of education should determine the management structures and functions, including their relationship with the university, if the medical education organization is part of an original university.		+		
80.	the medical organization of education should identify structural divisions in its management structures with the responsibility of each structural unit and include in their composition:	+			
	representatives of academic staff ;				
	of students ;				
	<i>other stakeholders, including representatives from the Ministry of Education and health sector, health sector и общественности.</i>				
81.	the medical organization of education must ensure the transparency of the management system and the decisions taken, which are published in the bulletins, posted on the university website, are included in the protocols for acquaintance and execution.		+		
	Academic Leadership				
82.	the medical organization of education should clearly define the responsibility of the academic leadership in the development and management of educational programs.	+			
83.	the medical education organization should periodically evaluate the academic leadership regarding the achievement of its mission and the final learning outcomes.	+			
	The budget for training and allocating resources				
84.	the medical organization of education shall:		+		
	have a clear terms of reference and authority to provide the educational program with resources, including the target training budget;				
	allocate the resources necessary for implementation educational program and distribute				
	educational resources in accordance with their needs.				
	the system of financing the medical education organization should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, delineation and independence of all levels of budgets.				

85.	the medical organization of education should:	+			
	provide sufficient autonomy in the allocation of resources, including a decent remuneration of teachers in order to achieve the final results of training;				
	when allocating resources, take into account scientific advances in medicine and public health problems and their needs.				
	<i>Administrative and management</i>				
86.	the medical education organization should have the appropriate administrative and academic staff, including their number and composition in accordance with the qualifications, in order to:	+			
	ensure the introduction of an educational program and related activities;				
	ensure proper management and allocation of resources;				
87.	the medical education organization should develop and implement an internal management quality assurance program, including consideration of needs for improvement, and conduct regular management review and analysis.		+		
	<i>Interaction with the health sector</i>				
88.	the medical education organization should have constructive interaction with the health sector, with related sectors of public health and government, including information exchange, cooperation and initiatives organization that is able to provide	+			
	<i>qualified doctors in accordance with the needs of society.</i>				
89.	the medical education organization should formalize cooperation with partners in the health sector, which includes the conclusion of formal agreements with the definition of the content and forms of cooperation, the conclusion of a joint contract, the establishment of a coordinating committee and joint activities.	+			
	<i>Total</i>	7	4		
	<i>CONTINUOUS IMPROVEMENT</i>				
90.	the medical organization of education should both a dynamic and socially responsible institution:	+			
	initiate procedures for regular review;				
	revision of structure and functions;				
	allocate resources for continuous improvement.				
91.	a medical education organization should:		+		
	to base the updating process on prospective studies, analyzes and results of study and evaluation, literature on medical education;				
	ensure that the process of renovation and restructuring leads to a review of its policies and practices in accordance with previous experience, current activities and prospects for the future and directs the update process to the following questions:				
92.	adapting the mission statement and outcomes to scientific, socio-economic and cultural development of society;	+			
93.	modification of the final results of training graduates in accordance with the documented needs of the postgraduate training environment, including clinical skills, training in public health issues and participation in the process of medical care to patients in accordance with responsibilities that are assigned to graduates after graduation:		+		

94.	adaptation of the educational program model and methodological approaches to ensure that they are relevant and relevant and take into account modern theories in education, the methodology of adult education, the principles of active training;	+			
95.	correction of the elements of the educational program and their interrelation in accordance with the achievements in biomedical, behavioral, social and clinical sciences, with changes in the demographic situation and the state of health / structure of the incidence of the population and socio-economic and cultural conditions. The adjustment process should ensure the inclusion of new relevant knowledge, concepts, methods and exclude the oldest.	+			
96.	development of evaluation principles and methods of conducting and number of examinations in accordance with changes in the final learning outcomes and methods of teaching and training;	+			
97.	adaptation of the policy of recruitment of students and methods of selection of students in view of changing expectations and circumstances, requirements for human resources, changes in the system of pre-university education and the needs of the educational program;		+		
98.	adaptation of the policy of recruitment and formation of academic staff in accordance with changing needs;	+			
99.	updating educational resources in accordance with changing needs, such as recruiting students, the number and profile of academic staff, educational program;		+		
100.	improving the monitoring and evaluation process educational program;		+		
101.	improving the organizational structure and management principles to ensure effective operations in the face of changing circumstances and needs, and, in the long term, to meet interests of different stakeholder groups.		+		
	Total	6	6		
	Total in total	59	37	5	