



«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 the initial specialized accreditation standards of the specialty  
5B130200 «Dentistry»**

**South Kazakhstan Medical Academy JSC  
04-06.12.2018**

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING  
EXTERNAL EXPERT COMMISSION**

*Addressed to the  
IAAR  
Accreditation Council*

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**Shymkent, 2018**

## CONTENTS

I .INTRODUCTION .....	3
II. PRESENTATION OF «SOUTH KAZAKHSTAN MEDICAL ACADEMY» JSC .....	5
III. DESCRIPTION OF THE EEC VISIT .....	7
IV. COMPLIANCE TO THE PRIMARY SPECIALIZED ACCREDITATION STANDARDS OF EDUCATIONAL PROGRAMS .....	9
Standard 1: MISSION AND FINAL RESULTS .....	9
Standard 2: EDUCATIONAL PROGRAMME .....	9
STANDARD 3: STUDENTS' ASSESSMENT POLICY .....	10
Standard 5: ACADEMIC STAFF / TEACHERS.....	11
Standard 6: EDUCATIONAL RESOURCES.....	11
Standard 7. "ASSESSMENT of the EDUCATIONAL PROGRAMME" .....	12
Standard 8. "MANAGEMENT AND PUBLIC INFORMATION" .....	13
V. RECOMMENDATIONS for SKMA on the educational program of the accredited specialty 5B130200 “Dentistry”:	13
PARAMETERS OF THE SPECIALIZED PROFILE .....	14

### I .INTRODUCTION

In accordance with the order of the IAAR No.120-18-OД dated 27.11.2018 the assessment of compliance of the educational activity of the educational programmes on specialty 5B130300 “Pediatrics” to the standards of specialized accreditation of IAAR was held in the «**South**

**Kazakhstan Medical Academy» JSC** by an external expert commission. The report of the external expert Commission (EEC) contains an assessment of the educational program to the criteria of the IAAR, EEC recommendations for further improvement.

**Commission structure**

The Chairman of the Commission: Turdalieva Botagoz Saitovna, MD, Professor, «Kazakh medical University of continuing education» JSC (Almaty);

Foreign expert: Zhuravel Irina Aleksandrovna, doctor of chem. sci., Professor, head of clinical biochemistry, forensic toxicology and pharmacy of Kharkiv medical Academy of postgraduate education (Kharkiv, Ukraine)

Expert: Yeslyamgaliyeva Ardak Manapovna, candidate of med. sci., professor, «Astana Medical University» JSC (Astana);

Employer: Tuleyev Ikram Tuleyevich, Chairman of the public Association of health workers «Ontustik» (Shymkent);

Student: Kurayish Assel Yerzhankyzy, a member of the Kazakhstan students Alliance in South Kazakhstan region, the student of 4<sup>th</sup> course of H. A. Yassavi International Kazakh-Turk University. (Turkestan);

The observer from the Agency: Aimurziyeva Aigerim Urinbayevna, head of medical projects of the Agency (Astana)



## II. PRESENTATION OF «SOUTH KAZAKHSTAN MEDICAL ACADEMY» JSC

South-Kazakhstan State Pharmaceutical Academy JSC was renamed South-Kazakhstan Medical Academy JSC by the decision № 1 of the Sole Shareholder of SKSPhA JSC dated 13 February, 2018.

In present time the training of specialists with the higher education of medical and pharmaceutical profile according to programmes of bachelor degree, internship, magistracy, residency and doctoral studies is conducted. There are medical faculty, pharmaceutical faculty, faculty of continuous professional development, department of internship and employment of graduates, department of postgraduate education (magistracy, residency, doctoral studies) and 31 departments in structure of the Academy.

The infrastructure of the Academy is represented by: four academic buildings, educational building No. 2 (Al-Farabi Square, 3) has been commissioned since 2018; two dormitories - No. 1 (Baitursynov St., 84) for 460 places and dormitory No. 2 (Al-Farabi Square, 3) for 530 places were granted to students in August 2018; educational and professional base in the village of Keregetas of the Tolebi district with a total area of 4.5 hectares, includes a sports and recreational base and educational and professional base for the cultivation, collection, processing of medicinal plants, where the practice of botany and pharmacognosia is conducted among students learning. At the base there is a dining room for 75 seats, an outdoor swimming pool and sleeping cabins; land plot in the Yntymak microdistrict, Shymkent, area of 9.24 hectares.

The Academy concluded agreements on conducting training sessions with clinical bases of medical organizations in Shymkent. Every year contracts are concluded with medical and preventive treatment facilities, pharmacy institutions, and pharmaceutical enterprises of Shymkent city on the implementation of all types of students' practice.

The personnel policy of the Company PP 044 / 103-2018 was approved by the decision of the Board of Directors of the "SKMA" JSC dated 04.06.2018.

The core values and ethical principles of the Academy are proclaimed:

- Basic ethical principles
- Principle of high professionalism of TS
- Principle of quality
- Principle of orientation of training.

The AIS DeskNet electronic document management system operates at SKMA ([www.ukma.kz](http://www.ukma.kz) – home page - Electronic document management), distance learning for doctors and pharmacists ([www.ukma.kz](http://www.ukma.kz) - the main page of the Academy's website - Distance Learning ) and in the specialties of the magistracy.

According to the results of the ranking of research and innovation activities of higher education institutions, SKMA occupied the leading positions in 2<sup>nd</sup> and 3<sup>rd</sup> places. According to the results of the ranking in January 2018, SKMA takes the 2<sup>nd</sup> general place among the organizations of science and medical universities.

In order to implement the Policy of multilingualism in SKMA, there are English courses for teaching staff, levels of study Pre-Intermediate, Intermediate, Upper-Intermediate.

In the 2017-2018 academic year, the Academy trained 2311 undergraduate students, 405 intern doctors, 107 undergraduates, 99 students of the residency.

The mission of the South Kazakhstan Medical Academy is formulated as follows: "Training of highly qualified competitive medical and pharmaceutical specialists for the Southern region and the country as a whole on the basis of the achievements of modern science and practice, ready to adapt to the rapidly changing conditions in the medical and pharmaceutical industry through continuous improvement of competence and development of creative initiative". The proclamation of this mission concept is consistent with the goals and objectives of the development of health care and medical education in the Republic of Kazakhstan.

The strategic directions of SKMA JSC for 2018-2020 have been developed.



According to the mission and vision of SKMA the following strategic directions are defined:

- Strengthening of HEI positions in educational and scientific space
- Ensuring high level of competitiveness of educational services
- Development of institutional scientific capacity of higher education institution.
- Improvement of educational programs of continuous professional development of health sector's practical workers
- Development of effective technologies of human resources management
- Increase the TS's and personnels' of higher education institution competences level and development of corporate management.
- Management of TS's clinical activity.
- Creation of the effective system of financing of HEI management and development of innovative structure.
- Ensuring financial stability and financial independence of HEI.
- Effective management of HEI's activities.
- Development of modern infrastructure for educational and scientific activity

#### Strategic tasks of SKMA

- improvement of an internal system of education quality assessment;
- increase the potential of TS;
- training of highly qualified scientific personnel;
- expansion of a range of medical, pharmaceutical, biological scientific research and implementation of results in education and practice:
- development of educational and scientific infrastructure of the Academy;
- improvement of educational programs;
- creation of social conditions for successful training and development of students;
- creation of a system of transnational recognition of curricula and diplomas.

Implementation of the strategic plan is directed to achievement of a mission and strategic objectives of higher education institution, improvement of a management system of higher education institution, modernization of medical education and ensuring quality of training of specialists and provided services, strategic management of human resources and development of innovations and medical science, material resources of higher education institution and integration into the international scientific and educational space.

In 2006 activity of the Academy is certified by the international company «National Quality Assurance Limited» (NQA) on compliance to requirements of the international standard ISO 9001:2000. Effective functioning of a quality management system of higher education institution is confirmed by results annual inspection and recertification audits (2009, 2012, 2015) on compliance to requirements of MS of ISO 9001:2008 in the relation with:

- educational process in the sphere of the higher, postgraduate and secondary professional education in the field of medicine and pharmacy;
- clinical activity;
- scientific research activity.

On October 23-25, 2018 activity of the Academy was certified by Association on certification «Russian Register» on compliance to requirements of the international standard ISO 9001:2015.

In 2013 the Academy passed institutional accreditation in Independent quality assurance agency in education (IQAAE) with the international participation and on November 27-29, 2018 passed the procedure of accreditation in connection with the expiration of five-year term.

SKMA carries out cooperation in medical science, education and practical health care with more than 30 leading foreign higher education institutions of the near and far abroad on the basis of the concluded memoranda of understanding, contracts, agreements on the international cooperation which number increases every year. In September, 2018 Memorandums of

cooperation with the leading higher education institutions of Turkey, Spain, Romania and Great Britain are signed.

The directions of research works of SKMA are determined according to the capacity of higher education institution by the priority directions of development of science and also needs of the area.

TS of the Academy executed 27 STP, that the passed state registration, financed by means SKMA in recent years.

For the reporting period 10 monographs are published; 6 patents (2 of them Eurasian), 2 certificates on the state registration on subject of copyright are taken out; 1444 articles, 69 of them are published in the reviewed international editions indexed by base «Thomson Reuters», «Scopus» with an impact-factor from 0.16 to 5.63.

The number of TS's citing scientific publications for the reporting period increased from 120 to 183 units. In SKMA 2 international scientific and practical conferences were held. In 2017 by results of ranging of the organizations of medical science and medical schools, on indicators in scientific and innovative activity SKMA took the 2<sup>nd</sup> place.

According to International Financial Reporting Standards the Academy undergoes external audit annually. In 2017 the Academy was successfully checked out by Department of internal audit the Ministry of Health of the Republic of Kazakhstan. External audit was held according to the contract with Independent Auditor Company "Professional" LLP. By results of audit there is a positive audit report of the independent auditor. Sources of financing of higher education institution are diversified.

### **III. DESCRIPTION OF THE EEC VISIT**

The visit of the external expert commission (EEC) to SKMA was organized from December 06 to December 08, 2018 according to the program agreed with the chairman of EEC, MD, prof. Turdaliyeva B. S. and approved by the rector of the Academy MD, prof. Rysbekov M.M.

The commission studied normative and educational and methodical documents on educational disciplines, including, standard training programs, working programs, educational and methodical complexes, etc. materials provided by higher education institution.

All materials requested by the commission were provided to SKMA in due time and in full. For the purpose of obtaining objective information according to activity of the Academy by members of EEC the following methods were used: visual inspection, observation, interviewing of staff of various structural divisions, teachers, students, employers, questioning of the faculty and students. The presence of all persons specified in the program of visit was provided by SKMA. 3-days visit program of EEC was executed completely.

04.12.2018 the preliminary meeting of members of IAAR EEC took place. During the organizational meeting are acquainted with the visit purposes, the program of visit was specified, responsibility of members of EEC were distributed. Three main subgroups of members of EEC, the expert on educational programs on specialties Pharmacy (the 1<sup>st</sup> group), Pediatrics (the 2<sup>nd</sup> group), Dentistry (the 3<sup>rd</sup> group) were defined. Such division was caused by the large volume of work of EEC and need of visit of the departments implementing the accredited educational programs. The short overview of reports on a specialized self-assessment of SKMA specialties, discussion of key questions was carried out, additional information which needs to be requested from higher education institution for validation and full knowledge of members of EEC when carrying out specialized accreditation was defined.

According to the program of visit conversations of members of EEC with the management of the Academy, vice rectors for the directions, teachers, administrative and managerial personnel took place on December 04. Interviews with students were conducted. Objects on the accredited programs were visited: research laboratory of medicinal plants, dental clinic of higher

education institution, clinical diagnostic laboratory, library information center, training clinic-simulative center. The meeting with the deans, teachers managing the releasing departments in «Pediatrics», «Dentistry» and «Pharmacy», questioning of teachers and students took place. During visit of the main divisions of SKMA, employees provided the presentations and answers to questions of experts of EEC were given. So, the office registrar informed on activity, work of the information system «Platonus» was shown, in the same day meetings with the head of the department of strategic development and international activity, the head of the department of social affairs and youth policy, the head of the academic and methodological center, the head of scientific and clinical department, the head of HR department took place.

On December 05 members of EEC visited clinical bases – «Regional Children's Hospital», MEB on REM «City Dental Polyclinic», the dental clinic of «Dental-berik», departments located on bases of clinics Shymkent. For example, visiting the department of pediatrics and children's surgery the meeting with the chief physician of regional children's hospital Maymakov A.M. took place. On clinical bases full information on realization of educational process with elements of dual education was provided. The meeting with bachelors who showed all necessary skills and competences received in higher education institution was organized. Bases are rather equipped for carrying out studies and working off of practical skills.

Thus, the commission visited all clinical bases of the Academy. All clinics of the Academy in addition to maintenance of educational process are intended for optimum satisfaction of needs of the population for the disease-prevention, medical and diagnostic, medico-social and medicinal service. Provide medical care within the state order for the guaranteed volume of medical care. Compliance of clinical bases of the Academy to regulatory requirements is analyzed by results of the booked internal and external audits.

Visit of classes at the releasing departments took place. At a meeting with employers there were representatives according to all accredited programs.

According to the procedure of accreditation on-line questioning of teachers and students was carried out. Following the results of poll of teachers in which 24 persons participated it is revealed that 100% of respondents noted that they are satisfied with contents of the educational program, 100% noted that the university gives an opportunity for continuous development of potential of teachers, and more than 93% can actively apply own methods of training in educational process. All respondents responded that in library there is necessary scientific and educational literature. 100% of the teachers participating in questioning consider that in higher education institution safety of work is ensured. Most of respondents (100%) are sure that their innovative activity is encouraged with the management and as much satisfied with work on professional development of TS. Many respondents as concerning development of new educational programs, and motivational approaches are satisfied with support of the management. In general the vast majority of questioned answered all 65 questions of the questionnaire positively and consider that it is actively developing higher education institution with great opportunities for growth and conditions both for teachers and employees, and for students.

Questioning of 21 students was conducted. Following the results of poll of 100% are satisfied with the relations with dean's office, 100% are satisfied with the level of availability and responsiveness of the management of higher education institution, availability of the academic consultation (100%), training materials (100%), availability of library resources (100%), corporationism of the environment of higher education institution (100%), the general quality of training programs (100%), training methods (100%), quality of teaching (100%), knowledge on different aspects of training (100%), objectivity and justice of teachers (100%), use of effective methods of teaching (100%). Concerning qualitative characteristics of teachers most of the interviewed students positively spoke.

For the work of EEC comfortable conditions were created, access to all necessary information resources is organized. The commission notes the good level of corporate culture of SKMA, high degree of openness of collective in providing information to members of EEC.



The recommendations about improvement of activity of educational programs of the accredited specialties of higher education institution developed by EEC following the results of examination were submitted at a meeting with the management on December 06, 2018.

#### **IV. COMPLIANCE TO THE PRIMARY SPECIALIZED ACCREDITATION STANDARDS OF EDUCATIONAL PROGRAMS**

##### **1. Specialty 5B130200 "DENTISTRY"**

###### **Standard 1: MISSION AND FINAL RESULTS**

The educational program of specialty 5B130200 "Dentistry", its mission and the purposes are developed according to the general strategy of the state and higher education institution, correspond to the charter of the university and define the main activities of higher education institution. The commission established that the mission is updated and approved at a meeting of the Academic council of Academy, protocol No. 2 of 26.09.2018.

To ensure the preparation of a competent and competitive specialist, modern technologies are widely introduced into the educational process, early practical training of students is implemented, modular, interdisciplinary approaches are introduced in the development of disciplines, principles of evidence-based medicine, etc.

The responsibility of leadership in the development and management of the educational program is defined in the higher education institution.

*According to standard 1 "Mission and final results", the commission noted the following strengths:*

1. On the implementation of the educational program is noted close interaction with practical health care.
2. Compliance of the higher education institution with the requirements of a quality management system based on state standards.

###### **Recommendations of EEC:**

1. The participation of employers in the further improvement of the mission of EP "Dentistry".

###### **Standard 2: EDUCATIONAL PROGRAMME**

The Commission found that the academy identified structural units responsible for the curriculum with the authority to plan, organize and control the curriculum. The content, volume and sequence of courses of the educational program in the specialty 5B130200 "Dentistry" compliant with standards of education.

According to SCES RK 2017, in the specialty 5B130200 "Dentistry", an integrated training program has been introduced in SKMA, the purpose of which is to ensure the achievement of final learning outcomes (knowledge and skills) based on a joint study of clinical and fundamental disciplines.

The Commission notes that the leadership of SKMA constantly supports the research activities of university students. SRW is an obligatory component of training and is included in the plans for the educational, educational and scientific work of the university, faculty, and department. The management of research activities is carried out by the TS of the university. The academic achievements of the teaching staff are being introduced into the educational process of the Academy.

*According to the standard 2 "Educational programme" the following strengths are noted:*

1. A model of a medical educational program based on competency-based training has been developed.
2. The ability to choose a learning path within the current SCES at the expense of hours of

elective disciplines.

3. Organization of the learning process according to modular curricula.

The area of improvement is to increase the activity of students in the development, management and evaluation of the educational program

**Recommendations of EEC:**

1) To expand the interdisciplinary and intradisciplinary approach when creating elective disciplines.

2) Increase the number of modules when compiling a catalog of elective disciplines, to improve the possibility of choosing a learning path.

3) The acquisition of knowledge during lectures and classes in an interactive mode, the consolidation of skills during seminars, practical and laboratory studies with the involvement of highly qualified teaching staff.

**STANDARD 3: STUDENTS' ASSESSMENT POLICY**

The SKMA has developed according to the "Academic Policy" Rules and Regulations that reflect the student's assessment policy, goals, objectives, level of responsibility of departments, departments, teaching staff for assessing learning outcomes and competencies.

For assessment, several types of control will be applied - current, mid-term, intermediate certification and final state certification.

The current control is carried out by the teacher in current classes with scoring in the educational journal and at the end of the week in the electronic journal. Assessment of the current performance monitoring (admission rating) is 60% of the total assessment of knowledge in the discipline.

Milestone control is carried out at least two times during one academic period.

For the final assessment of the results of training in the discipline at the university, testing methods, OSPE / OSCE, mini-clinical exam are used.

The results of the final certification of student knowledge are discussed at the meetings of the departments. Recommendations of the SAC are considered at meetings of the faculty council, MS, administration. Based on the results of the final control, an analysis of the educational process and methodological support is carried out, measures are taken to improve the quality of students' knowledge.

According to standard 3 "Students' Assessment Policy", the commission noted the following strengths:

1. The criteria and methods for assessing students' knowledge and skills corresponds the requirements of transparency (transparency), objectivity and justice.

There is no recommendation for this standard.

**Standard 4: STUDENTS**

Admission to the Academy is carried out by placing a state educational order (educational grants) in the specialty 5B130200 "Dentistry", as well as paying for tuition at the expense of citizens and other sources.

The number of students enrolled in SKMA is planned taking into account the following criteria for compliance with licensing requirements: the total area of the teaching and laboratory facilities, the availability of faculty, the availability of teaching, teaching and scientific literature, the capacity of the Academy's clinical facilities, the availability of social and living conditions student learning and accommodation.

The Academy's policy in the field of quality is aimed at ensuring the high competitiveness of the university in the market of educational and medical services, based on the introduction of innovative methods and technologies in the training of medical specialists.

The meeting with bachelor students showed a wide involvement of students in public

work.

During the interview, the commission members noted the high patriotism and sincere interest of students in all areas of the academy, fluency in the state, Russian languages, the desire to study and improve the English language, good orientation in the educational systems of Kazakhstan and abroad.

**The results of visits to structural divisions allows EEC to note the following strengths of the standard 4 Students:**

1. A comprehensively developed student support service.
2. An environment for harmonious and comprehensive development and growth of students.
3. Motivated, goal-oriented and result-oriented students.

**Recommendations of EEC:**

1. Active student support for internal and external academic mobility.

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

The information provided by the university on this standard allows us to conclude that the current personnel policy allows you to maintain a balance between the medical and non-medical teachers and between full-time and part-time teachers.

The personnel policy of the university is aimed at ensuring that the teaching staff profile corresponds to the balance of pedagogical skills for the implementation of the educational program in the specialty **5B130200 “Dentistry”**. In particular, the teachers of the academy undergo competitive selection, certification, and may be recommended for a higher position. The terms of the employment contract are extended subject to the effective performance of official duties, active scientific work, participation in the preparation of scientific and pedagogical personnel, the production of textbooks, teaching aids and taking into account the achievements of certain successes in clinical activity.

***The strengths of the standard include:***

1. The corporate spirit and patriotism of teachers and personnel.

*The area of improvement is further active support of TS from the leadership of the university on academic mobility.*

**Recommendations of EEC:**

1. To find opportunities to attract specialists of the Republic of Kazakhstan with a scientific degree and academic rank with experience in medical universities, to implement an educational program in dentistry in SKMA.

2. Improving staff potential through training for the master's program in the specialty "Dentistry", taking into account the availability of a university license for the program.

3. Development of targeted training within the framework of PhD programs on topical issues of dentistry reform.

4. Drafting a strategic plan for 5 years of continuing education of the teaching staff of the SKMA on the EP “Dentistry” conducting core disciplines on dentistry.

5. Development of academic mobility of TS.

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

The Commission notes that SKMA has the necessary resources for practical training of students in the specialty 5B130200 "Dentistry", fully ensures the acquisition of adequate practical experience, including a sufficient number of patients and bases for training students.

The Commission noted the strengths of the Academy as having its own clinic with a dental laboratory.

The university has 4 buildings, sports and gyms. Students have the opportunity to undergo military training at the military department. In 2018, the area of classrooms was increased



through the acquisition of a training building with an area of 7,000 sq.m. The new academic building housed the basic biomedical departments (pathological anatomy and histology, normal and pathological physiology, microbiology, social and medical insurance and public health, dental disciplines, Training Clinical and Simulation department).

The medical organizations and enterprises of the city with which contracts are concluded are used as additional clinical bases of the academy. In 2018, contracts were concluded with 2 dental clinics in Shymkent.

For students to acquire adequate clinical experience, the Academy has determined a list of clinical bases for teaching students in the specialty "Dentistry" training is carried out on the following bases:

- SPE with REM «City Clinical Hospital No. 1 »;
- SPE with REM "City dental clinic";
- SPE with REM "City oncological center";
- "Regional Children's Hospital";
- Clinic "Dental-Berik".

**EEC notes the strengths of the standard Educational Resources:**

1. The university has dental offices equipped with specialized equipment and the possibility of developing practical skills.

*The area of improvement is the increase in activity on scientific products of TS and personnel. Construction of a dental clinic.*

**Recommendations of EEC:**

1. Equipping and providing the library fund with literature for the core disciplines of the EP "Dentistry".
2. Expansion and equipping of dental offices with modern dental equipment, with the creation of our own dental clinic that meets international standards.
3. Creation of a dental laboratory.
4. Organization of a phantom class in dentistry for the implementation of the educational program.

**Standard 7. "ASSESSMENT of the EDUCATIONAL PROGRAMME"**

In SKMA, the evaluation of the educational program in the specialty 5B130200 "Dentistry" is carried out in accordance with the program for monitoring the effectiveness of the learning process and the results of the implementation of the educational program.

The structure that independently monitors the data on the implementation of the educational program of the specialty 5B130200 "Dentistry" is the AMC. It analyzes students' academic achievements, regular research in order to improve the quality of the educational process, by receiving feedback from students, TS and employers. The main research topics were the determination of the degree of satisfaction with the quality of the educational program in the specialty, the organization of the educational process, and the assessment of employers' opinions on the quality of graduate training.

During the meeting and interviews with employers, the commission came to the conclusion that representatives of the regional clinical bases of the academy actively cooperate with the university in both educational and clinical work. In the course of their work, members of the ECE noted the need for a wider interaction of the academy with patient-oriented and other social and professional associations.

As part of the Visit Program, members of the EEC met and interviewed students, followed by anonymous questioning. The university complies with the requirements of the standard.

***According to the standard 7 "Assessment of the educational programme" the following strengths are noted:***

The university has created the structures necessary for the implementation, monitoring and control of the implementation of the educational program.



2. The university operates a quality management system that ensures the construction of the program and the quality of implementation.

3. Employers are satisfied with the competencies of bachelors of EP "Dentistry".

*The area of improvement is the strengthening of dual training as an important component in acquiring practical skills and improving the quality of training.*

**Recommendations of EEC:**

1. Further development of dual training in the specialty "Dentistry" to improve the practical component and skills of graduates of EP.

**Standard 8. "MANAGEMENT AND PUBLIC INFORMATION"**

"SKMA" JSC is a legal entity in accordance with the legislation of the Republic of Kazakhstan and carries out its activities in accordance with the Constitution of the Republic of Kazakhstan, the Civil Code of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Joint-Stock Companies", regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan, the Charter of the Academy and internal regulatory acts.

"SKMA" JSC involves the participation of all interested parties, including the health sector, and reflects the responsibility of the academic leadership. The Academy has its own management system, which contributes to the achievement of mission and goals, supports institutional efficiency and integrity, creates and maintains an environment for training, research and creative activities.

The main educational, scientific and administrative structural unit that implements EP, as well as the management of all types of activities of departments that implement student training in the specialty "Dentistry" is the dean of the faculty. The main goals of the faculty are the implementation of the mission and goals set before the Academy for the training of highly qualified, competent specialists in the field of dentistry for health, owning modern methods and technologies.

***EEC notes the strengths of standard 8:***

The Academy realizes the objectives of the EP through: conducting classes in specialized and non-specialized educational classrooms, educational laboratories; organization of practice in health care organizations under the guidance of representatives of these organizations and the academy itself; the provision of social services (accommodation in a dormitory, the allocation of financial resources for food); students' participation in the development of educational programs (participation in the work of the Methodological Council, Faculty Council, Academic Council); cultural programs for students and teachers.

**There is no recommendation for this standard.**

**Thus, according to the results of primary specialized accreditation, the EEC considers that in SKMA there are:**

1. Close communication and interaction with practical healthcare on the implementation of this educational program.

2. Prospects for strategic partnership with a foreign TOP university.

3. The desire of the teaching staff for development, patriotism and corporate spirit.

4. Motivated, goal-oriented, result-oriented students.

**V. RECOMMENDATIONS for SKMA on the educational program of the accredited specialty 5B130200 "Dentistry":**

1. To carry out work on publicizing and attracting interested parties (employers, students) to improve the mission of the SKMA and the Strategic Plan for the Development of the Academy.

2. Improve the website of the university in order to further develop the transparency of the university for practical health care, students.

3. To develop the training of their own scientific and pedagogical staff in the accredited specialty at the level of graduate and doctoral studies, taking into account the high demand of the university, region and region for qualified personnel

4. Equipping and providing the library stock with literature for the core disciplines of the EP “Dentistry”.

5. Expansion and equipping of dental offices with modern dental equipment, with the creation of their own dental clinic that correspond international standards. Creation of a dental laboratory.

6. Organization of a phantom class in dentistry for the implementation of the educational program.



## **PARAMETERS OF THE SPECIALIZED PROFILE**

№	EVALUATION CRITERIA	Comments	Position of the organization of education			
			strong	satisfied	Assumes improvements	unsatisfied
2	<b>"MISSION AND FINAL RESULTS" STANDARD STATEMENT FOR THE MISSION AND FINAL RESULTS</b>					
	The medical education organization has to define the mission of the undergraduate educational program and widely inform the public and the health sector about the stated mission.		+			
2.1.2	The medical education organization must define a mission of the educational program on the basis of consideration of requirements of health of society, requirement of a system of delivery of health care and according to other aspects of social responsibility.			+		
2.1.3	The medical education organization must guarantee that the main interested parties participate in development (formulation) of a mission of the educational program.				+	
2.1.4	The medical education organization must guarantee that a mission of the educational program there correspond the missions of the organization and allow to train the competent expert at the level to degree medical education.			+		
2.1.5	The statement for a mission must contain the purposes and the educational strategy allowing to train the competent expert at the level to degree medical education.				+	
2.1.6	Mission of the educational program: - should correspond to the available resources, opportunities and requirements of the market; - ways of its support should be defined; - the information access about a mission of the educational program for the public should be provided (availability of information on the				+	

	website of higher education institution).					
2.1.7	The mission and the purposes of the educational program must be discussed on consultative councils / commissions of higher education institution and be approved on advisory and consultative council of higher education institution.		+			
2.1.8	The medical education organization must collect, accumulate and analyze systematically information on the activities for preparation for implementation of the educational program; to carry out the assessment strong and weaknesses (SWOT analysis) on the basis of which the management of the medical organization of education together with advisory and consultative council has to define policy and develop strategic and tactical plans.			+		
<b>2.2</b>	<b>FINAL RESULTS OF THE TRAINING</b>					
2.2.1	The medical education organization must define the end results of training which should be reached to future students as result of the program of training in the relation: achievements at basic level concerning knowledge, skills and the relations; corresponding basis for future career in any branch of medicine; future roles in the health sector; to the subsequent postdegree preparation; obligations to training at an extent of all life; medical and sanitary requirements of health of society, requirements of a health care system and other aspects of social responsibility.			+		
2.2.2	The medical education organization must define the end results of training in the components, general and specific to discipline / specialty, which are required to be reached the student on end of the program.			+		
2.2.3	The medical education organization must define the end results of training of rather appropriate behavior and the attitude towards patients and their relatives.			+		
2.3.4	The medical education organization must have mechanisms of a guarantee		+			



	of appropriate professional behavior and relations of students to students and other medical personnel, teachers, other workers of health care, observance of the Code of honor.					
2.2.5	The medical education organization must inform the public on the established end results of training of the program for the corresponding specialties.			+		
2.2.6	The medical education organization should guarantee continuity between the end results of training of programs of basic and postdegree medical education.			+		
	<b>Total</b>		<b>3</b>	<b>8</b>	<b>3</b>	
<b>3.</b>	<b>“EDUCATIONAL PROGRAMME” STANDARD</b>					
3.1	Contents of the program of basic medical education		+			
3.1.1	The medical education organization must define model of the educational program the including integrated model based on disciplines, the systems of bodies, clinical problems and diseases, the model based on modules or spiral design.		+			
3.1.2	The medical education organization must provide compliance of contents of the program to requirements of SCES PK and provide the width of training of specialists according to the name of the program and the necessary depth of preparation in the area determined by specialty.		+			
3.1.3	The medical education organization must educate the description of content, volume and sequence of courses and other elements of the educational program to guarantee observance of the corresponding ratio between basic biomedical, clinical, behavioural and social disciplines.			+		
3.1.4	The medical education organization must provide procedures for granting of a possibility of elective contents (ellektiva) and define the balance between an obligatory and elective part of the educational program including a combination of obligatory elements and elektiv or special components for choice;			+		

3.1.5	The medical education organization must use the corresponding methods of teaching and training and to guarantee integration of components on practice and the theory which include didactic occupations and experiment on assistance to the patient also independent and active training.			+		
3.1.6	The medical education organization must guarantee that training will be provided according to the principles of equality.					
3.1.7	The medical education organization must use the student - the focused approach in training which stimulates, prepares and supports future students to assume responsibility for own process of training and to show in the practice.		+			
3.1.8	The medical education organization must provide mechanisms of regular assessment and feedback, informing on the program and the rights and duties of future students and also to include obligations for ethics questions in the program.		+			
3.1.9	The medical education organization should provide mechanisms of increase in independence and responsibility of students concerning their knowledge, skills and development of experience.			+		
3.1.10	The medical education organization should recognize gender, cultural and religious features and prepare future students for the corresponding relationship with patients.		+			
3.1.11	The medical education organization must organize educational programs with due consideration to safety of patients and autonomy. The medical education organization must define mechanisms of involvement of interested parties in formulation of a mission and the end results of training in the educational program.			+		
<b>3.2</b>	<b>SCIENTIFIC METHOD</b>					
3.2.1	The educational program has to contain the disciplines aimed at the development of analytical and critical thinking such as scientific bases and methodology of medical researches,		+			

	including clinical trials.					
3.2.2	The medical education organization must guarantee that future students will study and know evidential medicine which has to be an integral part of the educational program.		+			
3.2.3	The medical education organization should provide teaching and training of critical evaluation of literature, articles and scientific data, application of scientific developments.				+	
<b>3.3</b>	<b>BASIC BIOMEDICAL SCIENCES, BEHAVIOURAL, SOCIAL SCIENCES AND MEDICAL ETHICS</b>					
	The medical education organization must define and include in the educational program:					
3.3.1	achievements of basic biomedical sciences for formation at students of understanding of scientific knowledge;		+			
3.3.2	concepts and methods, being fundamental for acquisition and use of clinical scientific knowledge.			+		
3.3.4	The medical education organization must define and include in the educational program of achievement which will provide knowledge, the concepts, methods, skills and the relations necessary for understanding of social and economic, demographic and cultural obligations of the reasons, distribution and consequences of medical problems of health, also knowledge of a national health care system and the rights of the patient that will promote the analysis of problems of health of society, effective communication, adoption of clinical decisions and ethical practice, by inclusion in EP of disciplines in the field of behavioural sciences; social sciences; medical ethics; medical law.			+		
<b>3.4</b>	<b>CLINICAL SCIENCES AND SKILLS</b>					
3.4.1	The medical education organization must define and implement achievements of clinical sciences in the educational program and guarantee that students will acquire sufficient knowledge, clinical and professional skills to assume the corresponding responsibility including the actions connected with strengthening of health, prevention of diseases and			+		

	assistance to patients;					
3.4.2	The medical education organization must provide at least one third of the educational program in the planned contacts with patients on clinical bases;				+	
3.4.3	The medical education organization must establish a certain amount of time for training of the main clinical disciplines including internal diseases, surgery, psychiatry, the general medical practice (family medicine), obstetrics and gynecology, pediatrics.			+		
3.4.4	The medical education organization must provide mechanisms of the organization of clinical training with the corresponding attention to patient safety, including observation of the operations performed by the student in the conditions of clinical bases.			+		
3.4.5	The medical education organization should guarantee that each student will have early contact with real patients, including its gradual participation in assistance to the patient including responsibility regarding inspection and/or treatment of the patient under observation which will be it is carried out in the relevant clinical bases.			+		
3.4.6	The medical education organization should structure various components of training in clinical skills according to a concrete stage of the program of training.			+		
<b>3.5</b>	<b>MANAGEMENT OF THE PROGRAMME AND ORGANIZATION OF TRAINING</b>					
3.5.1	The medical education organization must define the structural division(s) responsible for basic educational programs, and having powers for planning and introduction of the educational program including distribution of the allocated resources for planning and introduction of methods of teaching and training, assessment of students and assessment of the educational program and courses for achievement final results of training.		+			
3.5.2	The medical education organization must provide representation from teachers and students in the structures/councils/commissions					



	responsible for educational programs.					
3.5.3	Has to guarantee to the medical organization of education preparation in the conditions of various clinical bases which are characterized by a profile of clinics, various categories of patients, level of delivery of health care (primary medical care, specialized medical care, highly specialized medical care), hospitals and out-patient clinics.		+			
3.5.4	The medical education organization should provide mechanisms of introduction of an innovation in the educational program.				+	
	<b>Total</b>		<b>10</b>	<b>12</b>	<b>3</b>	
<b>4</b>	<b>STUDENTS' ASSESSMENT POLICY STANDARD</b>					
<b>4.1</b>	<b>ASSESSMENT METHODS</b>					
4.1.1	The medical education organization must formulate and introduce the policy of assessment of students including the principles, the purposes, methods and practice for assessment of students including the number of examinations and other tests, respect for balance between written and oral examinations, use of methods of the estimates based on criteria and reasonings and special examinations (OSKE or mini-clinical examination) and also to define criteria for establishment of lowest passing scores, estimates and quantity of the resolved repeating an examination;		+			
4.1.2	The medical education organization must use a set of methods and formats of assessment according to their "applicability" which includes a combination of validity, reliability, influence on training, the acceptability and efficiency of methods and formats of assessment concerning the established end results of training.			+		
4.1.3	The medical education organization it is necessary to study and document reliability, validity and justice of methods of assessment.		+			
4.1.4	The medical education organization should use the system of the appeal of results of assessment on the basis of		+			

	the principles of justice and through observance of legal process.					
4.1.5	The medical education organization should guarantee that process and methods of assessment are open (available) to examination from external experts.			+		
<b>4.2</b>	<b>INTERRELATION BETWEEN ASSESSMENT AND TRAINING</b>					
4.2.1	The medical education organization must use the principles, methods and practitioners of assessment which are compatible to the established end results of training and methods of training.			+		
4.2.2	The medical education organization must have procedures for granting of timely, concrete, constructive and fair feedback to future students on the basis of results of assessment of their knowledge and skills.			+		
4.2.3	The medical education organization should use the principles, methods and practitioners of assessment which promote the integrated training and involvement in practical clinical work, provide to achievement of net results of training intervocational education.				+	
	<b>Total</b>			<b>5</b>	<b>3</b>	<b>0</b>
<b>5</b>	<b>'STUDENTS' STANDARD</b>					
<b>5.1</b>	<b>POLICY OF ENROLLMENT AND SELECTION</b>					
5.1.1	The medical education organization must define and implement policy of enrollment, including established the situation/rule on process of selection of students which includes justification and methods of selection;			+		
5.1.3	The medical education organization must have policy and introduce translation practice of students from other programs and the medical organizations of education.			+		
5.1.4	The medical education organization must guarantee transparency of the procedure of selection and equality of access to basic education.			+		
5.1.5	The medical education organization should develop the procedure of the appeal to the relation of the decision of selection committee.			+		
<b>5.2</b>	<b>NUMBER OF STUDENTS</b>					

5.2.1	The medical education organization must define the number of the accepted students according to material and opportunities at all stages of education and training, and decision-making on set of students assumes need of regulation of national requirements to personnel resources of health care in case the medical organizations of education do not control the number of the taken students, then it is necessary to show the obligations, by an explanation of all relationship, paying attention to consequences of the made decisions (an imbalance between set of students both material and academic potential of higher education institution).			+		
5.2.2	The medical education organization must have available information on requirements of health of society which includes consideration of the balanced set according to gender, ethnic and social characteristics of the population, including the potential need for the special policy of set and reception of their groups of the small people and students of rural areas.				+	
5.2.3	The medical education organization should define the number of students by means of consultation with interested parties.			+		
<b>5.3</b>	<b>SUPPORT AND CONSULTATION OF STUDENTS</b>					
5.3.1	The medical education organization must have the system of the academic consultation of future students.			+		
5.3.2	The medical education organization must have the mechanisms of support of students focused on social, financial and personal needs, allocations of appropriate resources for social and personal support.			+		
5.3.3	The medical education organization must guarantee confidentiality concerning consultation and the given support.		+			
5.3.4	The medical education organization must provide allocation of resources for support of students		+			
5.3.5	The medical education organization should provide support in a case of professional crisis and problem				+	

	situations. Candidates for the PhD program of doctoral studies have to have the education level corresponding to degree of the master of sciences on the corresponding profile of doctoral studies or completed training in residency in medical specialties.					
<b>5.4</b>	<b>REPRESENTATION OF STUDENTS</b>					
5.4.1	The medical education organization must develop and introduce policy on representation of students, including in formulation of a mission and the end results of training, participation in development of the program of training, planning of operating conditions, assessment of the program of training, management of the program of training, other questions concerning students which includes student government, participation of representatives of students in councils of faculties, higher education institution and other appropriate authorities and also in public work and local projects on health care.		+			
	<b>Total</b>		<b>7</b>	<b>4</b>	<b>2</b>	
<b>6</b>	<b>'ACADEMIC STAFF / TEACHERS' STANDARD</b>					
6.1.1	The medical education organization must develop and implement the policy of set and reception of teachers, employees, defines their category, responsibility and balance of the academic teaching staff of basic biomedical sciences, behavioural and social sciences and clinical sciences for adequate implementation of the educational program, including a due ratio between the teachers of a medical and not medical profile, teachers working for a full and incomplete rate and balance between the academic and unacademic employees;				+	
6.1.2	The medical education organization must consider in the policy of selection criteria on scientific, pedagogical and clinical advantages of applicants, including a due ratio between pedagogical, scientific and clinical qualifications;				+	



6.1.3	The medical education organization must define and implement policy of activity and development of employees which allows to observe balance between teaching, scientific and service functions which include establishment of time for each type of activity, considering requirements of the medical organization of education and professional qualifications of teachers;				+	
6.1.4	The medical education organization must implement policy of activity and development of employees which guarantees recognition on the advantage of the academic activity, with the corresponding emphasis on pedagogical, research and clinical qualifications and is carried out in the form of awards, promotion and/or remuneration;				+	
6.1.5	The medical education organization must implement policy of activity and development of employees which guarantees sufficiency of knowledge each employee of the educational program which includes knowledge of methods of teaching/training and the general contents of the educational program, both other disciplines, and subject domains for the purpose of stimulation of cooperation and integration;				+	
6.1.6	The medical education organization must implement policy of activity and development of employees which includes training, development, support and assessment of activity of teachers which involves all teachers not only who are again employed and also the teachers involved from hospitals and clinics.				+	
6.1.7	The medical education organization should consider at selection of employees/teachers the relation to the mission, the importance of local conditions including a floor, nationality, religion, language and other conditions having relations to the medical organization of education and the educational program;				+	

6.1.8	The medical education organization should develop and implement policy of advance of employees/teachers.		+			
	<b>Total</b>		1	4	3	
<b>7</b>	<b>STANDART "EDUCATIONAL RESOURCES"</b>					
<b>7.1</b>	<b>MATERIAL SUPPORT AND EQUIPMENT</b>					
7.1.1	The medical education organization must have the sufficient material and technical resources for teachers and students allowing to provide adequate implementation of the educational program;			+		
7.1.2	The medical education organization must provide the safe environment for employees, students, patients and those who look after them, including providing necessary information and protection against harmful substances, microorganisms, observance of safety regulations in laboratory and when using the equipment.			+		
7.1.3	The medical education organization must provide necessary resources for acquisition by students of adequate clinical experience, including, quantity and categories of clinical bases which include clinics (on rendering primary, specialized and highly specialized help), out-patient and polyclinic services (including PHC), institutions of primary health care, the centers of health care and other institutions of delivery of health care to the population and also centers/laboratory of clinical skills which allow to provide clinical training, using possibilities of clinical bases and to provide rotation on the main clinical disciplines; enough and categories of patients; possibilities of observation of clinical practice of students.		+			
7.1.4	The medical education organization should improve the environment of training of students by means of regular updating, expansion and strengthening of material and technical resources which have to correspond to development in practice of training.		+			
<b>7.2</b>	<b>InformationTechnologies</b>					

7.2.1	The medical education organization must define and implement policy which is directed to effective use and assessment of the appropriate information and communication technologies in the educational program.			+		
7.2.2	The medical education organization should provide library resources, including fund of educational, methodical and scientific literature for the general education, basic and main subjects on paper and electronic media, periodicals, access to scientific databases.			+		
7.2.3	The medical education organization must provide access to educational Internet resources, functioning of WI-FI in the territory of the organization of education		+			
7.2.4	The medical education organization should provide to teachers and students of an opportunity for use of information and communication technologies for independent training; access to information; maintaining patients; works in a health care system.		+			
7.2.5	The medical education organization should provide access for students to the relevant data of the patient and information systems of health care.			+		
<b>7.3</b>	<b>RESEARCHES IN THE FIELD OF MEDICINE AND SCIENTIFIC ACHIEVEMENTS</b>					
7.3.1	The medical organization has to have educations research activity in the field of medicine and scientific achievements as a basis for the educational program;			+		
7.3.2	The medical education organization must define and implement the policy promoting interrelation between scientific research and education;				+	
7.3.3	The medical education organization must provide information on research base and the priority directions in the field of scientific research of the medical organization of education.			+		
7.3.4	The medical education organization should guarantee that the interrelation between scientific research and				+	

	education is considered in teaching; encourages and trains students for participation in scientific research in the field of medicine and to their development.					
<b>7.4</b>	<b>EXAMINATION IN THE FIELD OF EDUCATION</b>					
7.4.1	The medical organization has to have educations access to examination to the fields of education and carry out expertize which studies processes, practice and problems of medical education and can involve doctors with experience of carrying out researches in medical education, psychologists and sociologists in the fields of education which is provided with department of development of medical education of the university or involvement of experts from other National and international Institutes.				+	
7.4.2	The medical education organization must define and implement policy on use of examination in the area education: - in development of the educational program; - in development of methods of teaching and assessment of knowledge and skills.			+		
7.4.3	The medical education organization should produce the evidence of use of internal or external examination in the field of medical education for development of potential of employees;			+		
7.4.4	The medical education organization should pay due attention to development of examination in assessment of education and in researches in medical education as the discipline including studying of theoretical, practical and social problems in medical education;			+		
7.4.5	The medical education organization should assist aspiration and interests to the employees in carrying out researches in medical education. IN TOTAL		+			
<b>7.5</b>	<b>EXCHANGE IN EDUCATION</b>					
7.5.1	The medical education organization must define and implement policy for		+			



	cooperation at the national and international levels with other medical schools, schools of public health care, faculties of Dentistry, pharmacy and other faculties of the universities;					
7.5.2	The medical education organization must have mechanisms of the transfer and clearing of the educational credits which can be promoted by the conclusion of agreements on mutual recognition of elements of the educational program and active coordination of programs between Higher education institutions and use of a transparent system of credit units and flexible requirements of courses.			+		
7.5.3	The medical education organization should promote regional and international exchange of employees (the academic, administrative and teaching state) and students, providing with appropriate resources;				+	
7.5.4	The medical education organization should guarantee that exchange is organized in compliance with the purposes, in view of needs of employees, students, and with respect for ethical principles. The medical organization of education / the scientific organization has to define, approve and publish the principles, methods and practice used for assessment of doctoral candidates including criteria for evaluation of scientific work.				+	
	<b>Total</b>		<b>6</b>	<b>11</b>	<b>5</b>	
<b>8.</b>	<b>'ASSESSMENT OF THE EDUCATIONAL PROGRAMME' STANDARD</b>					
8.1	The medical education organization must have mechanisms of monitoring of the educational program, taking into account a mission, the required end results of training, contents of the educational program, assessment of knowledge and skills, educational resources.		+			
8.2	The medical education organization must carry out the program assessment of policy of enrollment of students and requirements of education and a health care system in			+		

	medical shots.					
8.3	The medical education organization must guarantee participation of interested parties in program assessment.			+		
8.4	The medical education organization should provide mechanisms of ensuring transparency of process and results of assessment of the educational program for the management and all interested parties.		+			
	<b>Total</b>		<b>2</b>	<b>2</b>	<b>0</b>	
<b>9</b>	<b>"MANAGEMENT AND PUBLIC INFORMATION" STANDARD</b>					
9.1	The medical education organization must define the structural division responsible for educational programs and achievement of the end results of training.		+			
9.2	The structural division responsible for educational programs has to have powers for planning and introduction of the educational program, including distribution of the allocated resources for planning and introduction of methods of teaching and training, assessment of students, assessment of the educational program and courses.			+		
9.3	The medical education organization must define the duties and responsibilities of management/staff in basic medical education.			+		
9.4	The medical organization has to have accurate duties and powers on providing educational programs with resources, including the target budget on training, has to allocate the resources necessary for introduction and implementation of the program of preparation and to distribute educational resources in compliance with requirements.		+			
9.5	The medical education organization must publish exact, objective, relevant information about specifics of EP which have to include the implemented programs, with the indication of the expected results of training; information on a possibility of assignment of qualification on the termination EP; information on teaching, training, estimated			+		

	procedures; data on lowest passing scores and the educational opportunities given to students; information on opportunities for employment of graduates.					
9.6	The medical education organization must provide various ways of dissemination of information, including media, information networks for informing the general public and interested persons.		+			
9.7	The medical education organization must publish adequate and objective information about TS of the EP, about cooperation and interaction with partners within EP.			+		
9.8	The medical education organization must show reflection on a web resource of information characterizing higher education institution in general and in a section of educational programs.			+		
9.9	The medical education organization should develop the program of ensuring quality of management, including regular reviews.			+		
9.10	The medical education organization should provide transparency of management system and the made decisions which are published in bulletins, are posted on the website of HEI, join in protocols for acquaintance and execution.		+			
	<b>Total:</b>		<b>4</b>	<b>6</b>	<b>0</b>	
	<b>IN TOTAL:</b>		<b>38</b>	<b>50</b>	<b>16</b>	