



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ  
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО  
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

# REPORT

on results of External Expert Commission assessment  
for compliance with requirements of Specialized Accreditation Standards  
LLP "Abu Ali Ibn Sina Medical College" Educational Program 0301000 "Medical  
studies" with qualifications 0301013 "Feldsher"  
in period from 19 to 21 April 2018.

Sariagash 2018

**INDEPENDENT AGENCY OF ACCREDITATION AND RATING**  
*External expert commission*

*Addressed to  
Accreditation Committee  
of IAAR*



Независимое агентство  
аккредитации и рейтинга

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**19 April. 2018**

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## **(I) LIST OF SYMBOLS AND ABBREVIATIONS**

- SES – State compulsory education standard
- FSA – Final state attestation
- MO – Medical organizations
- TVE – Technical and vocational education
- WEP – Working education programs
- WEPI – Working education plans
- TTP – Typical training programs
- TTP1 – Typical training plans
- CTP – Calendar-themed plan
- QMS – Quality Management System
- EA – Education Affairs
- IT – industrial training
- PP – professional practice
- EP – educational program
- EMC – Education and methodology complex
- EMCD – Education and methodology complex of a discipline
- CMC – Cycle methodical commission
- PC - personal computers
- ICT - information and communication technologies
- TS - teaching staff
- PW - pedagogical workers
- Sanitary rules and Regulations - санитарные правила и нормы
- FMP – feldsher-midwife point
- SED – Social and Economic disciplines
- GED – General Educational disciplines
- GH – general humanities
- TandPE – technical and pedagogical education

## (II) INTRODUCTION

In accordance with the order of IAAR No. 22-18OD from March 6, 2018 in LLP "Abu Ali Ibn Sina Medical college" with the type of activity of the TandPE, the visit of the external expert commission (EEC) was held from 19 to 21 April 2018. Conformity assessment of Educational Programs was conducted: 0301000 "Medical astudies" with qualification 0301013- Feldsher to the Standards of specialized accreditation IAAR:

### **Team of Institutional and Specialized Accreditation EEC IAAR:**

1. Chairman of the Commission – Yerdesova Gulnar Kaztayevna, Head of the Quality Management System Department at "Medical College" of the Public Health Administration of Almaty;
2. Expert – Nurlanova Rysty Berekelovna, Consultant for training and retraining of medium medical and pharmacology employees of the Ministry of Health of Kazakhstan Republic, Republican Higher Medical College, Almaty;
3. Expert – Smakova Saule Sotsialovna, Head of QMS, Medical Technical College, Astana;
4. Expert – Baydildaeva Meruert Bulatovna, Deputy Director for Academic and Practical Work, Medical College "Interdent", Almaty;
5. Employer – Odamanov Muratkhan Alimkhanovich, Deputy Chief Physician, State Sanitary and Epidemiological Service, Saryagash Central District Hospital, Saryagash;
6. Student – Gladyshev Ruslan Veniaminovich, 2nd year student, specialty "Medicine" South Kazakhstan College "Arystanbab", Saryagash;
7. Observer from the Agency – Alena Dzakenova, Head of Medical Projects of the Agency, Astana.

EEC report contains an assessment of the conformity of the educational programs of the organization of education submitted to the criteria of the IAAR, the recommendations of the EEC for further improvement of educational programs, and the profile of the educational programs.

### (III) PRESENTATION OF THE EDUCATION ORGANIZATION

LLP "Abu Ali Ibn Sina Medical College" educational activity is carried out since January 27, 2011 on specialty 0302000 "Nursing" and according to the state license for educational activity of November 10, License AB № 0038383. Due to the change of the legal address the License was changed. At the present time, License number is №14007055 of May 21, 2014.

Since January 2018, the quality management system has been introduced in the college with reference to the development and provision of educational services for the training and retraining of specialists in secondary medical and pharmaceutical education in accordance with the requirements of ISO 9001: 2016. College legal address: South Kazakhstan oblast, Saryagash city, md Samal, K.Montaev street, house number 11. phone / fax 8 (72537) 2-95-71, e-mail: avicenna.1999@mail.ru, the address of the college's website: [www.aais.kz](http://www.aais.kz).

Departmental affiliation is Ministry of Health of the Republic of Kazakhstan.

Form of ownership is limited liability partnership.

The activity of the medical college is carried out in accordance with the constituent documents:

Charter Limited Liability Partnership Medical College Abu Ali Ibn Sina, registered with the Department of Justice of the South Kazakhstan Region;

Statistical card on Form No. 1, issued by the Department of Justice of South-Kazakhstan region;

Number of business identification Certificate: 100640010287;

Act on title to land plot cadastral №19-306-012-328, for the right of permanent land use with a total area of 2.0 hectares;

The authorized body is: Health Department of Akimat of South Kazakhstan region.

There are opinions of the sanitary and epidemiological service and state fire control for the use of the educational building.

Training of specialists is conducted only in the state language from 2011 on the specialty "Nursing", "Medical studies", and from 2017 on the specialty "Pharmacy". Training is conducted in full time studies on secondary general education basis.

The state attestation of the college was conducted in 2014 in accordance with the order of the Chairman of the Committee for Control of Medical and Pharmaceutical Activities of the Ministry of Health and Social Development of the Republic of Kazakhstan from September 16, 2014 №591 "On Conducting State Certification of a Limited Liability Partnership" Abu Ali Ibn Sina Medical College ". The college is certified for a period of 5 years. Order №641 of 03.10.2014. "On the results of the state certification of the limited liability partnership" Abu Ali Ibn Sina Medical College.

"The organization of the educational process is carried out in a 2-storeyed own building with a total area of 2896 m<sup>2</sup> per calculating area of 6.0 square meters, which corresponds to the requirements for the educational premises of the State Standard of the Republic of Kazakhstan.

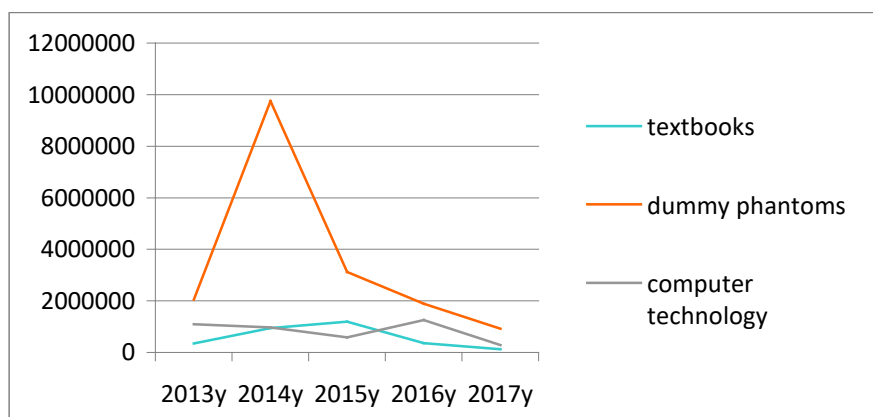
The college has an assembly hall for 100 seats, where cultural events are held, a medical center, a canteen for 100 seats. The dining room is equipped with necessary kitchen equipment (electric ovens, refrigerators, refrigerated display cases, dishes).

The college has a hostel with a total area of 197.16 square meters for 38 places for needy students.

At the college there is a medical center with a total area of 31,0 m<sup>2</sup>. Medical services are provided on the basis of an agreement with the Saryagash District Polyclinic. For the organization of vocational training, 18 offices and 2 laboratories have been opened and are functioning according to the State Educational Establishment of the Republic of Kazakhstan, the staffing of which is 86% in accordance with equipment tables in the college as a whole.

There are enough computers and interactive equipment in the college, the total number of computers is 77, all 77 computers are connected to the Internet, 3 interactive boards, 2 video projectors, 2 computer classes.

The volume of funds allocated for the acquisition of laboratory equipment, training equipment, technical and visual aids for the last 5 years amounted to 30080000 tenge.



The premises allocated for the placement of cabinets and laboratories correspond to sanitary and hygienic requirements, the number of trainees engaged in them, accommodate the educational equipment and special furniture provided by the tabs, allow observing the safety rules for practical and laboratory work. Registration of all pre-clinical practice cabinets as close as possible to the device of the future specialist's workplace.

To conduct educational, training and production and professional practice, the college concluded contracts with the heads of medical and preventive organizations in Saryagash and Saryagash district. A close relationship has been established with the basic medical organizations.

The training rooms correspond to the current sanitary standards, fire safety requirements, as well as qualification requirements for licensing educational activities of educational organizations, which ensures the implementation of curricula and programs provided by the State compulsory education standards of the Republic of Kazakhstan in 2016.

The college conducts systematic work on the social protection of students. The contingent of students of the college is 483, of which in the Kazakh language -483. The contingent of students for specialty 0302000 "Nursing" -288.

The teaching process is currently carried out by 50 teachers, of which 35 are full-time teachers, which is 70.0%. Teachers of the college have a corresponding basic education. From the number of full-time teachers: 14 people (52%) have the highest and first qualification categories, the second - 14 people (28.0%), 50 teachers work in the state language. With an academic degree of -2 people (5.7%).

Table 1 - Employment of graduates by specialties

№	qualification	2017		
		graduates	employed	by specialty %
1	0301000 – Medical studies	67	45	67.1%
1.1	0301013-Feldsher	67	45	67.1%
2	0302000 –Nursing	107	71	66.3%
2.1	0302033 - General Nurse Practitioner	107	71	66.3%

#### (IV) DESCRIPTION OF EEC VISIT

The work of the EEC was carried out on the basis of the visit program of the expert

commission for institutional and specialized accreditation of educational programs to LLP Medical College Abu Ali Ibn Sina, from April 19 to April 21, 2018.

In order to obtain objective information about the quality of educational programs and the entire infrastructure of the college, the content of the self-assessment reports was clarified: meetings were held with the director, deputy director for educational work, deputy director for educational work, deputy director for academic affair, head of the personnel department, CMC, methodologist, chief accountant, teachers, students, graduates, employers and parents of students. In total, 336 people took part in the meetings of the first cluster.

**Table 2 - Information on the number and categories of meeting participants**

Category of participants	amount
Director	1
Deputy. Directors	3
Heads of divisions	7
Chief Accountant	1
Head of Human Resources Department	1
Teachers	56
Students	234
Graduates	15
Employers, social partners	11
Parents of students	7
<b>Total</b>	<b>336</b>

During the work of the EEC, a visual inspection of the college infrastructure was carried out: classrooms, computer classes, a library, a reading room, a gym, a medical center, a food station, and pre-clinical practice rooms. The documentation of the cycle methodological commissions, departments implementing accredited educational programs was also studied. The bases of practical training of accredited programs are visited: the State Clinical Hospital Kazgurt District Hospital; GKKP Saryagash central hospital; LLP Sanatorium "Assel"; LLP Sanatorium "Kokterek"; JSC Sanatorium "Arman"; Sanatorium "Oxy"; policlinic number 1 village Abay; FE "Zhanuzakova B"; LLP "Amanat"; Kasympharm Group LLP; "AsylpharmCompany" LLP; PC "Nurbolat".

#### **International agreements**

LP Central Cardio Service; MCJ «Cardio star plus» Uzbekistan.

#### **(V) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE**

Previously, there was no accreditation in this institution.

#### **(VI) CONFORMING TO THE STANDARDS OF INSTITUTIONAL ACCREDITATION**

##### **6.1 Standard "Mission and management"**

#### **The Evidence**

The educational curriculum 0301000 - "Medical studies" with the qualification 0301013 "Feldsher" corresponds to the Mission and Goals of the "Medical college Abu Ali Ibn Sina", focused on providing high-quality educational services that provide professional and personal development of future specialists.

The activity of the LLP "Medical college Abu Ali Ibn Sina" (hereinafter referred to as the



College) is aimed at the realization of the mission of the college. The mission relates to the College Development Program. The strategic goal and objectives of the mission are consistent with the goals and objectives of the college.

To realize the goals of educational programs, the college has a sufficient material and technical base, staffed in accordance with the contingent of students, computer and network infrastructure, a stable financial position, a qualified pedagogical staff, a good teaching and methodological base, favorable social conditions for students

Mission, Vision and Strategic goal of the college are consistent with the goals, objectives and priorities of the national education system, which is expressed in the desire of the college to constantly improve the level of training of specialists to provide quality medical services to the population of Kazakhstan.

The college attracts the pedagogical staff and employers to the development plan for the PS. Accounting for the interests of employers is laid down at the level of determining the goals of training specialists. Employers annually formulate their needs for specialists and the requirements for their training.

Employers are actively involved in the process of adjusting work curricula in the specialty, taking into account the need for practical health care, making their suggestions for change. On the part of employers, nominees for MO staff are invited to participate in the work of the state attestation commission.

In the college there is transparency of the processes in the formation of the development plan for the EP. Information about the content of the development plan for the EP is communicated to interested persons.

Formation and regular revision of the development plan for the EP and monitoring of its implementation is carried out in the organization of education.

This institution analyzes the information on the implementation of the EP and revises the development plan for the EP.

Plans for the development of the specialty program are held in public discussion with representatives of all stakeholders, taking into account the identified shortcomings, comments and proposals, adjust and introduce amendments.

Within the framework of monitoring, the evaluation of the implementation of individual plans and work plans for self-education is conducted. During each half-year, monitoring and analysis of the performance of the core performance indicators of the college is conducted. The results of the audit develop corrective actions aimed at preventing the occurrence of identified non-conformities in the future.

Every college employee is aware of his duties, functions and rights. To provide high-quality educational services, the college has passed certification on quality management, which is registered in the State Register. (April 4, 2018)

In this organization, there is an order of approval, periodic review (review) and monitoring of educational programs and documents regulating this process.

The presence and effective functioning of the information and feedback-oriented information and communication system are demonstrated, and the quality assurance system of the EP is demonstrated.

The college conducts an analysis of the external and internal environment. The degree of satisfaction of teachers and students is determined in the course of sociological monitoring. Monitoring is organized and conducted in accordance with established requirements. Surveys and questionnaires in the college are conducted among students, graduates, employers and teachers in order to reveal their opinion about the quality of the professional activity of teachers, the quality of management activities and other important issues of the educational process.

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

competitiveness of the college in the market of educational and health services based on introduction of innovative methods and technologies.

The mission, objectives of the EP and the expected outcomes of the training of trainees are periodically reviewed to reflect not only the TandPE professional standards for medical specialties, but also the needs and expectations of the stakeholders.

**Strengths / best practices:**

The strengths include:

- LLP "Medical College" Abu Ali Ibn Sina "attracts representatives of groups of interested persons, including students, teachers and employers to the development plan for the EP.
- The mission of the college, goals and objectives generally correspond to material and intellectual resources, labor market requirements.
- The management of the EP demonstrates evidence of openness and accessibility for students, teachers, parents, employers.

**Analytical part**

By the standard "Mission and leadership" we want to note that the success of the implementation of the EP is determined mainly on the basis of a planned, focused and effective implementation of the EP development plan, which, accordingly, should be the most transparent and accessible to all stakeholders.

This college is constantly developing and adjusting the development plan for the EP, taking into account the needs of stakeholders and students. When developing a development plan, the EP are consistent with the national development priorities and the development strategy of the college.

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

Strong positions - 3,  
Satisfactory - 0,  
Suggest improvement - 0,  
Unsatisfactory – 0.

6.2 Standard "Educational programs"

**Strengths / best practices:**

- The strengths include:
- The management of the EP demonstrates the presence of a professional context in the content of the training disciplines;
- The leadership of the EP demonstrates an effective balance between theoretical and practice-oriented disciplines;
- The list and content of the disciplines are available for students. Disciplines cover all issues, problems in the field taught;
- The structure of the EP provides for various types of activities, the content of which contributes to the development of the basic and professional competencies of students taking into account their personal characteristics;
- The management of the EP provides equal opportunities for students, including regardless of the language of instruction;
- The management of the EP ensures the availability and effective functioning of the system of individual assistance and counseling of students on the educational process;
- Management creates conditions for the effective development of the EP;
- The management of the EP demonstrates the use of the advantages, individual

- characteristics, needs and cultural experience of students in the implementation of the EP;
- The management of the EP demonstrates individual support for students in the implementation of the EP;
- The management of the EP provides for the possibility of passing the training, training and production and pre-diploma practice in the specialty "Nursing" with the qualification "Nurse Practitioner", monitor the satisfaction of students, heads of employers' health organizations.

### ***The Evidence***

The college defines the content, scope, logic of the interrelationship of educational disciplines quite well.

The quality of training of specialists and their professional competence is confirmed by the characteristics and feedback from the leaders of the MO.

In the formation of the EP, the opinion of the students is also taken into account. In accordance with the TEP and model training programs, the WEP and the training programs have been developed. At the heart of the WEP is also the SES, the opinion of teachers and employers. TEP include a list of mandatory disciplines with an indication of the number of hours, regulate the ratio of the basic, profiling and general education cycles, determine the scope of the discipline.

In this college there is a list and content of the disciplines available to the trainees. Various forms of conducting training sessions (business games, trainings, discussions, excursions) form the professional qualities of students. On the development of the professional competencies of the students, the subjects of the tasks of laboratory and practical work are directed. Great is the role of professional practices, which are a direct component of the professional training of students.

In the organization of education, the educational programs are updated, taking into account the interests of employers.

In the college of instruction is conducted in two languages, state and Russian languages.

Individual assistance and counseling of students on the issues of the educational process are traced. Conditions are created for the effective development of the EP. In the educational process, individual traits are taken into account, support is provided for the implementation of the educational process, and a monitoring system for their achievements is maintained.

Trainees can get advice from teachers, as well as write on the director's blog, which is available at [www.aais.kz/](http://www.aais.kz/) and get info.

### ***Analytical part***

The educational program is designed in accordance with the mission, objectives and expected results of the students. To realize the goals of the educational programs, the college has a sufficient material and technical base, staffed in accordance with the contingent of students, computer and network infrastructure, a stable financial position, qualified pedagogical staff, good educational and methodological base, favorable social conditions for students.

The results of the final attestation of graduates confirm the quality of training of specialists:

academic years	graduates	graduates progress	quality
2014-2015	71	100%	100%
2015-2016	76	97,3%	93,4%
2016-2017	67	100%	98,5%
total	214	99,1%	97,3%

### ***EEC recommendations***

- ✓ Medical College offers in the implementation of the EP the use of teaching methods and

- teaching methods based on modern teaching principles
- ✓ Improvement and implementation of new assessment methods that reflect established core and professional competencies and assess the achievement of learning outcomes
- ✓ Improved communication between the EP and the subsequent stages of training (bachelor's degree, specialization).

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

Strong - 8

Satisfactory - 0

Supposed to improve - 3

Unsatisfactory – 0.

### 6.3 Standard. Efficiency of the Educational Program

#### **Strengths / best practices:**

The strengths include:

- ✓ Performance indicators of EP are developed taking into account practical health requirements
- ✓ Evaluation of effectiveness is monitoring of educational achievements of students, which is conducted in groups and courses
- ✓ In college, a continuous mechanism has been developed to monitor the effectiveness of the implementation of the EP, ensuring the monitoring of the implementation of the curriculum.
- ✓ Forming the teaching staff is carried out in strict accordance with the qualification requirements for the licensing of educational activities.

#### **The Evidence**

The number of teaching staff, specializing in 0301000 - "Medical studies" is: 54 teachers, including 40 (74%) full-time teachers, which meets the requirements of staffing. Teaching staff with qualification categories: the highest and the first - 27 teachers, which is -50%, the second - 15 teachers that is 27% per cent, the master teachers -3, All teachers are able to teach in the national Kazakh language.

#### **Qualification improvement passed for the last 5 years:**

№	academic years	number of trained teachers
1	2013-2014	11
2	2014-2015	10
3	2015-2016	15
4	2016-2017	25
5	2017-2018	28
total		89

Further training of teachers is carried out in various forms: courses for the upgrading of teachers at the branch office of the National Center for Advanced Training "Orleu", the Institute for Advanced Training of Pedagogical Workers, the school for improving pedagogical skills for beginners, participation in conferences, seminars, competitions in pedagogical skills of city, regional, republican levels.

The professional development of the teachers of special disciplines is carried out through internships during the winter holidays in the leading institutions of practical public health of the

city and the region, is an independent type of additional vocational education, one of the sections of professional development. The training of teachers in the MO helps to keep abreast of modern requirements for this or that specialties.

Teachers of special disciplines attend training courses in the Higher School of Public Health of the Ministry of Health of the Republic of Kazakhstan, at the regional institute of postgraduate training of doctors, at the Republican Higher Medical College.  
The results of interviewing employers indicate the effectiveness of the educational program.

### **Analytical part**

According to the "Efficiency of Educational Program" Standard, one can note the qualitative and quantitative composition of teachers for the implementation of the EP, the high level of professional development of teachers and feedback from the heads of practical bases on the sufficient level of training.

#### **Recommendations:**

There are no recommendations on this Standard.

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

Strong-4

Satisfactory - 0

Supposed to improve - 0

Unsatisfactory-0.

### 6.4 Standard "Teachers and Teaching effectiveness"

#### **The Evidence**

The educational process of the college attracts teachers with extensive experience, with scientific and academic degree, teachers of the highest and first category, successfully mastered new educational technologies, skillfully combining work with public life. Monitoring of tracing of attendance by teachers of seminars, conferences, refresher courses is monitored.

The recruitment of teachers is carried out on a competitive basis in accordance with the staff schedule approved by the director of the college. The employees who are accepted for work are the labor contract, which specifies the rights, duties, working and employment conditions of the employer and employee, they are introduced to job descriptions corresponding to the qualification requirements for pedagogical employees and persons equated to them. For each employee accepted, a personal card in the form of T-2 is filled out. The employment of the party is controlled in accordance with the Regulations on the Passport System in the Republic of Kazakhstan.

At the beginning of the calendar year, the head of the personnel department draws up a plan to improve the qualifications of the teachers and presents the director with a list of teachers who are taking courses in continuing education. The list of teachers passing the refresher courses is approved by the director.

Within 5 years, the coverage of the advanced training of teachers is 100%

Continuous improvement of the management system of the college is carried out. There is a prospective plan for passing the refresher courses, according to which all teachers take courses on updating the content of education.

The college systematically performs a comprehensive assessment of the effectiveness of teaching quality, monitors the activities of the teaching staff and assesses the competence of the

teacher. Forms, methods and evaluation criteria are communicated to teachers on methodical and pedagogical councils, through information stands, through the college's website.

The college pays due attention to the professional development of young professionals, for every young teacher secured mentor from among experienced teachers to provide guidance in the organization of the educational process.

Demonstration classes, mutual visits are forms of improving pedagogical skills. A demonstration lesson is the source of information about the work of the teacher, this is his way of self-expression, self-realization.

In 2013-2014 academic year the college teachers held 20 open events with the use of various forms of training.

In 2014-2015 academic year 24 open classes with the use of ICT were conducted.

In 2015-2016 year 27 open classes in special disciplines using urgent health issues.

In 2016-2017 academic year - 23 open classes.

In 2017-2018 academic year - 27 open classes.

For 5 years 121 open events were held.

The following results are the criteria for the successful implementation of individual teacher plans for the last 3 years:

*Publication in periodicals: regional, republican, international specialized journals and conference papers.*

academic year	in town scale	in oblast scale	in republican scale
2017-2018	5	9	20
2016-2017	-	-	1
2015-2016	-	7	-
total	5	16	21

Participation in international, republican, regional, conferences, forums, seminars etc. - 38, of them at the level of the region -17, at the level of the republic - 21, at the international level -1.

The "Best Teacher of the Year" competition is organized annually in the medical college of Abu Ali Ibn Sina, in which full-time teachers of the college took part. The competition is organized and conducted in accordance with the Regulations of the competition, in which the candidates for the title of "The best teacher" presented papers describing the qualitative and quantitative indicators of activity of the teacher - the participant (Portfolio, open classes, etc.).

In college, a rating is held to assess the professional performance of teachers. As a result of the rating, teachers at the end of the academic year are encouraged by letters, letters of thanks and monetary bonuses. Results are borne by the pedagogical council.

Workload of the teacher includes educational - production, methodical, educational work. According to the load there is a calendar-thematic planning.

An individual plan for the professional development of the teacher is compiled. Individual plan for the professional development of the teacher ensures the systematic and consistent teaching, methodological, research, educational and creative activities of the teacher. As a result, by the end of the academic year, the result of teaching activities is summarized.

***Analytical part***

According to the "Teachers and Teaching Performance" Standard, a high level of professional development and visits to various schools and creative activities can be noted.

In the college, all the teachers carry out the planned workload. The human potential corresponds to the specifics of the EP, and targeted work is being carried out to support young teachers.

***Strengths / best practices:***

- Selection and placement of pedagogical staff in the college is carried out taking into account the pedagogical qualifications and professional growth. The analysis of the quantitative and qualitative composition of teachers corresponds to the qualification requirements, the objectives of the EP.

- The rights and duties of college teachers are regulated by job descriptions, which are reviewed and analyzed annually in accordance with qualification requirements.

- The management of the EP monitors the activities of the teaching staff, a systematic assessment of the competence of teachers, an integrated assessment of the quality of teaching

- Workload of teachers includes various activities. The management of the EP demonstrates the evidence of the teachers' fulfillment of all types of planned workload

- The management of the EP provides targeted actions for the development of young teachers

- The leadership of the EP demonstrates the mechanisms for stimulating the professional and personal development of teachers and workers

- An important factor is the participation of the teaching staff in the life of society.

### **Recommendations:**

Attraction to pedagogical activity of nurses with higher nursing education, masters of nursing.

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

Strong - 7

Satisfactory - 0

Suggest an improvement - 0

Unsatisfactory – 0.

### **6.5 Standard "Students"**

#### **The Evidence**

In accordance with the material and technical and educational opportunities, the medical college determines the number of students admitted. Entrants are admitted on a contractual basis (with full compensation for tuition fees). With the entrants, the college concludes contracts with an indication of the rights, duties and mutual responsibility of the parties, the cost of educational and educational services.

The plan of admission for training specialists with secondary medical education on the contractual form of training is coordinated with the Health Department of the Akimat of the South Kazakhstan region.

Every year, to determine the amount of the contingent the college is requesting the need for specialists of the middle medical level from the city and regional Municipalities. Meetings are also held with the obligatory participation of employers for the development of human resources in the health sector and regulation in order to meet the health needs of the population and society as a whole.

All information on the formation of the student contingent is posted on the college's website. Acquaintance of the applicants with the conditions of admission through visual information materials, videos, and on the college's website. Pro-orientation work is conducted on the schools of the city of Saryagash and in the regions of South Kazakhstan. For each school in the city of Saryagash, those responsible for the organization of vocational guidance work are assigned.

For academic support of students, students who do not graduate in the disciplines, who have missing because of illness, for family reasons, teachers organize additional classes and

consultations.

Students who passed the final certification and confirmed the assimilation of the relevant professional training program, the SAC decision is awarded the appropriate qualification of "Feldsher" and issued a state diploma.

A survey of students' satisfaction with the activities of the organization is conducted and feedback is functioning, including the prompt presentation of information on the results of evaluation, learning outcomes.

The management conducts work on the organization of high-quality professional practice on the bases of Mogorod and the region, and simultaneously solves the problems of employment of graduates. The students are satisfied with the learning process.

In order to provide professional psychological assistance and support to students in the college, a psychologist works, on the site, stands there is a telephone number of the psychologist's trust. A lot of attention is paid to the social support of students, a flexible system of payment for tuition is provided for the reporting period at a discount of 100% -2.20.20% -3 people.15% -1 people. 10% - 9 people. 5% - 4 people. In total, 19 people study at a discount.

### ***Analytical part***

According to the Standard "Students", it can be noted that the college places the interests of the students at the head of the corner. The students are provided with all the conditions for mastering the EP and students are satisfied with the quality of educational services.

In general, work with students is conducted at a high methodical and practical level.

The contingent of students at the time is 193 people.

academic years	students contingent	students till graduation	graduation
2013-2014	320	72,7%	64
2014-2015	248	71,3%	71
2015-2016	259	95,1%	74
2016-2017	248	82,4%	67
total	1075	80,3%	276

The reducibility of the contingent before the release is from 71.3% to 95.1%. Reasons for dropout: academic holidays for sickness, maternity, change of place of residence, transfer to other educational institutions, non-payment for tuition in connection with the material situation of students.

Results of intermediate certification of trainees: specialty 0301000 "Medical studies" with qualification 0301013 "Feldsher".

### ***Strengths / best practices:***

- The management of the college informs the students in a timely manner about changes in the policy, procedures of the EP.
- The leadership of the college is making every effort to provide graduates with employment and keep in touch with alumni.
- The leadership of the EP actively encourages students to self-education outside the main program (in the framework of extracurricular activities)
- EP management provides an opportunity for learners to exchange and express opinions
- Management guarantees the quality of the EP based on regular feedback from employers.
- Leadership with students conclude contracts for the provision of educational services,



indicating the rights, responsibilities, mutual responsibility of the college and the student. The results of intermediate and final attestation of students and graduates indicate a sufficient level of training of specialists.

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

Strong - 6

Satisfactory - 0

Suggest an improvement - 0

Unsatisfactory - 0.

### 6.6 Standard "Educational Resources"

#### ***The Evidence***

The organization of the educational process is carried out in a 2-storey own building with a total area of 2,896 m<sup>2</sup> per calculating area of 6.0 square meters, which corresponds to the requirements for educational premises of the State Standard of the Republic of Kazakhstan.

The college has an assembly hall for 100 seats, where cultural events are held, a medical center, a canteen for 100 seats. The dining room is equipped with necessary kitchen equipment (electric ovens, refrigerators, refrigerated display cases, dishes).

The college has a hostel with a total area of 197.16 square meters for 38 places for needy students.

For the organization of vocational training, 18 offices and 2 laboratories have been opened and are functioning according to the State Educational Establishment of the Republic of Kazakhstan, the staffing of which is 86% in accordance with equipment tables in the college as a whole.

In the college there are a library with a reading room, a sports hall, a medical center, a cabinet for computer technologies, a canteen for 100 seats, a hostel for 38 seats. According to the development strategy of the college, cabinets, laboratories, are equipped with the necessary equipment to ensure the quality of education. Each cabinet has a perspective plan for the development of the Cabinet, where the strengthening, equipping and replenishment of the cabinet is being phased in. In order to effectively implement educational programs, the college management strengthens and modernizes material and technical resources. All classrooms and classrooms are equipped in accordance with the ongoing education program, with qualification requirements, in accordance with sanitary and hygienic and fire safety standards. A safety journal is maintained. The provision of students with computer and information resources is sufficient for conducting a quality educational process, meets licensing and certification requirements. In the college 77 computers that are connected to the Internet, 6 computers per computer. The site operates in Kazakh and Russian languages, offers readers complete and qualitative information about the college, answers to questions, career guidance - the main objectives of the site.

#### ***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 in all subjects taught.

Training equipment and computer technology meet the safety requirements for operation.

The implementation of the EP takes into account the individual needs and opportunities of students. Each student is given the opportunity to practice practical skills and skills in pre-clinical practice rooms, a simulation center, clinical facilities.

In the college free access to educational Internet resources is organized, information technologies are introduced, monitoring of the use and development by the teaching staff of innovative teaching technologies, including on the basis of ICT, is conducted.

The equipment of the cabinets and laboratories is carried out in accordance with Tabel and

the norms of the resources of the cabinets and laboratories of secondary medical and pharmaceutical education, with the order of Minister of the Ministry of Health of the Republic of Kazakhstan dated 29.05.2015 No. 423 "Standards for equipping preclinical simulations of medical colleges" and "Cabinet Regulations".

There are 2 computer classes equipped with 42 computers in the college, 77 are used in the educational process, connected to the Internet, 3 interactive boards, 2 video projectors. Scanning, printing and photocopying of the training documentation in black and white format is carried out: in the offices of deputy director for software, office of computer science, reception director. Computer technologies are widely used in the testing of students, as well as in the creation of methodological materials on electronic and paper carriers, in the educational process, in the study of new material, in practical exercises.

The college has a website [www.aais.kz](http://www.aais.kz) which is constantly updated and improved. On the site you can find information about the work of the admission committee, members of the administration, the history of the college, specialties, news, as well as the schedule of classes, exams, the schedule of the educational process.

The library stock of the college for the EP "Medical studies" is 27780 copies, including:

*Educational literature* – 26315 items.

- 1) in Kazakh language – 20315 items.
- 2) in Russian - 5600 items.
- 3) in English - 400 items.

The library fund of the medical college is annually completed with new educational and scientific-medical literature. During the reporting period, educational literature was purchased for the amount of KZT 2,985,000.00. In 2017-2018, 1400 educational and educational literature were purchased, of which 1016 in the state language, 384 in Russian. In the library there is a program "Library studies".

***Strengths / best practices:***

- The training equipment and software used to develop the EP are sufficient and meet the safety requirements for operation.
- The institution creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and opportunities of students
- The College creates conditions for the development of applied skills of students and teaching staff in the disciplines under study
- The College conducts an assessment of the dynamics of development of material and technical resources and information support for the EP.
- The college has the necessary number of offices and laboratories equipped with modern technical training facilities that meet sanitary and epidemiological standards and requirements.
- The college has the necessary number of computers, educational literature, multimedia equipment.
- Free access to educational Internet resources.
- The management of the EP demonstrated the reflection on the web-resource of information characterizing the EP.

***EEC recommendations:***

- The management of the college should conduct an analysis of students needs in distance education (survey, questionnaire).
- Intensify the research activities of students and teachers.

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

Strong -8

Satisfactory - 0

Suggest an improvement of - 2

Unsatisfactory - 0.

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

### **7.1 Standard. Mission and management**

- LLP "Medical College Abu Ali Ibn Sina" attracts representatives of stakeholder groups, including trainees, teachers and employers to the development plan for the EP.
- The mission of the college, goals and objectives generally correspond to material and intellectual resources, labor market requirements.
- The management of the EP demonstrates evidence of openness and accessibility for students, teachers, parents, employers.

### **7.2 Standard. Educational Program.**

- The management of the EP demonstrates the presence of a professional context in the content of the training disciplines;
- The leadership of the EP demonstrates an effective balance between theoretical and practice-oriented disciplines;
- The list and content of the disciplines are available for students. Disciplines cover all issues, problems in the field taught;
- The structure of the EP provides for various types of activities, the content of which contributes to the development of the basic and professional competencies of students taking into account their personal characteristics;
- The management of the EP provides equal opportunities for students, including regardless of the language of instruction
- The management of the EP ensures the availability and effective functioning of the system of individual assistance and counseling of students on the educational process
- Management creates conditions for the effective development of the EP
- The management of the EP demonstrates the use of the advantages, individual characteristics, needs and cultural experience of students in the implementation of the EP
- The management of the EP demonstrates individual support for students in the implementation of the EP
- The management of the EP provides for the possibility of passing educational, training and production and pre-diploma practice in the specialty "Medical studies" with the qualifications of "Feldsher" monitor the satisfaction of students, leaders of medical organizations and employers.

### **7.3 Standard. Efficiency of Educational Program.**

- ✓ The effectiveness of EP in the college is assessed in accordance with the requirements of practical health care
- ✓ The college monitors the educational achievements of students
- ✓ In college, a continuous mechanism has been developed to monitor the effectiveness of the implementation of the EP, ensuring the monitoring of the implementation of the curriculum.
- ✓ Forming the teaching staff is carried out in strict accordance with the qualification requirements for the licensing of educational activities.

### **7.3 Standard. Teachers and Teaching effectiveness.**

- Selection and placement of pedagogical staff in the college is carried out taking into account the pedagogical qualifications and professional growth. The analysis of the quantitative and qualitative composition of teachers corresponds to the qualification requirements, the objectives

of the EP.

- The rights and duties of college teachers are regulated by job descriptions, which are reviewed and analyzed annually in accordance with the requirements.
- The management of the EP monitors the activities of the teaching staff, a systematic assessment of the competence of teachers, an integrated assessment of the quality of teaching
- Workload of teachers includes various activities. The management of the EP demonstrates the evidence of the teachers' fulfillment of all types of planned workload
- The management of the EP provides targeted actions for the development of young teachers
- The leadership of the EP demonstrates the mechanisms for stimulating the professional and personal development of teachers and workers
- An important factor is the participation of the teaching staff in the life of society.

#### **7.4 Standard. Students.**

- The management of the college informs the students in a timely manner about changes in the policy, procedures of the EP.
- The management of the college is making every effort to provide graduates with employment and keep in touch with graduates.
- The leadership of the EP actively encourages students to self-education outside the main program (in the framework of extracurricular activities)
- EP management provides an opportunity for learners to exchange and express opinions
- Management guarantees the quality of the EP based on regular feedback from employers.
- Leadership with students conclude contracts for the provision of educational services, indicating the rights, responsibilities, mutual responsibility of the college and the student.

The results of intermediate and final attestation of students and graduates indicate a sufficient level of training of specialists.

#### **7.5 Standard. Educational Resources.**

- The training equipment and software used to develop the EP are sufficient and meet the safety requirements for operation.
- The institution creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and opportunities of students
- The College creates conditions for the development of applied skills of students and teaching staff in the disciplines under study
- The College conducts an assessment of the dynamics of development of material and technical resources and information support for the EP.
- The college has the necessary number of classrooms equipped with modern technical training facilities that meet sanitary and epidemiological standards and requirements.
- The college has the necessary number of computers, educational literature.
- Free access to educational Internet resources.
- The management of the EP demonstrated the reflection on the web-resource of information characterizing the EP

### **(VIII) REVIEW OF RECOMMENDATION FOR IMPROVING QUALITY**

#### **8.2. Standard. Educational Program.**

- ✓ To the medical college we propose, in implementing the EP, the use of teaching methods and teaching methods based on modern teaching principles.
- ✓ Improved evaluation methodology, which reflects the established core and professional

- competencies and assess the achievement of learning outcomes.
- ✓ Improved communication between the EP and the subsequent stages of training (bachelor's degree, specialization).

#### **8.5. Standard "Students"**

- ✓ Students should be clearly informed about the evaluation strategy used in their program, about exams and other methods and criteria for assessing which knowledge, skills and attitudes will be assessed.

#### **8.6. Standard "Educational Resources"**

- ✓ Continue the work on staffing the library with modern literature.
- ✓ College management to analyze the needs of students of distance education (survey, questionnaire).
- ✓ The management of the college to monitor the achievements of the implementation of the EP in the specialty of "Medicine" with the specialty "Nursing".

### **(IX) OVERVIEW OF THE RECOMMENDATION ON THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION**

- ✓ Improve the quality of the graduate's preparation, taking into account the employers' requirements for the EP.
- ✓ Continue involvement of the MO in the development of the material and technical base of the college.
- ✓ To introduce more modern methodologies for evaluating the results of learning activities of students.

**Appendix 1. Evaluation table "SPECIALIZED PROFILE PARAMETERS"**

№	Criteria for evaluation	Position of education organization			
		Strong	Satisfactory	Assumes an improvement	unsatisfactory
<b>Standard "MISSION AND MANAGEMENT"</b>					
1	Medical college must determine the mission, goals and expected results of the educational program and bring them to the attention of the stakeholders.	+			
2	Mission, Goals and expected outcomes of students are periodically reviewed to reflect:				
	professional standards of technical and professional, post-secondary education in medical and pharmaceutical specialties;	+			
	needs and expectations of stakeholders.	+			
3	Medical college must have a strategic development plan that corresponds to the stated mission of the educational program and ensures the achievement of the final results of the training.		+		
4	Medical college must guarantee representation from teachers and students in the management of the educational program, ensuring their quality.	+			
5	Documentation and publication should be accurate and reliable. References to proposals, results, accreditation / approval status of the program, schedule of the training process, staff policy and admission policy, evaluation policy, requirements for completion of the program for qualification, training costs should be accurate and reliable.	+			
6	The academic policy of the medical college is coordinated with the training program for specialists with secondary medical and pharmaceutical education. This policy is aimed at achieving the mission, goals and expected results of students and is fair, fair, published, revised to improve the quality of the educational program.	+			
<b>total</b>		6	1	0	0
<b>Standard "EDUCATIONAL PROGRAM"</b>					
7	Educational software documentation: model of the curriculum, model work plans and curricula, individual curricula meet the objectives, the contents of the educational program to achieve the expected learning outcomes	+			

8	Educational and programmatic documentation: the model of the curriculum, typical working curricula and programs, individual curricula correspond to the goals, the content of the educational program for achieving the expected learning outcomes.			+	
9	Medical college should use the educational program and teaching and learning methods based on modern teaching principles that stimulate, prepare and support students and ensure the formation of students' responsibility for the process of their education.			+	
10	Medical college should provide a description of the content, volume and sequence of courses and other elements of the curriculum to ensure adherence to the principles of studying the cycle of disciplines integrated into modules by the principle of integrated learning.			+	
11	Medical college must set a certain amount of time for the profile specialization component, which includes disciplines in the priority areas of health, taking into account national and regional needs.	+			
12	Medical college must ensure that students acquire sufficient knowledge and clinical and professional skills in order to assume the appropriate responsibility for health promotion, disease prevention and patient care.	+			
13	Agreements, written agreements with medical organizations that were clinical bases for the practice, are in effect, determine the expectations of all participants and provide protection for students.			+	
14	Medical college guarantees a variety of assessment methodologies that reflect established core and professional competencies, and assess the achievement of the learning outcomes of students.	+			
15	Work curricula and curricula should be regularly reviewed in accordance with the goals and outcomes of the educational program to ensure integrity, rigor and relevance.			+	
<b>total</b>		4	2	3	0
<b>Standard "EFFECTIVENESS OF EDUCATIONAL PROGRAM"</b>					
16	Within the framework of the educational program, a student evaluation plan is defined and implemented, in which the fact of reaching the alumni of the program of expected results of students' education is determined and the effectiveness of the program is assessed.	+			
17	Polls and other sources of data are used to collect information about the level of satisfaction of students, former students and employers and demonstrate the achievements of graduates. The data collected include, inter alia, the percentage of graduates, the percentage of successfully passed the certification examination, and the percentage of employment.			+	
18	Data on the cumulative results of students indicate the effectiveness of the program in achieving its mission and objectives, as well as the expected results.	+			
19	The aggregate results of the teachers correspond and contribute to the achievement of the mission and objectives of the educational program and the expected results of the students.	+			

20	Educational Program provides an understandable and open policy regarding complaints from students, and, if necessary, information obtained from official complaints, is used to facilitate the continuous improvement of the program.	+			
21	The monitoring system of the educational program includes the determination of the degree of satisfaction with the quality of education of students and employers.	+			
22	Medical College has mechanisms for approving, regularly evaluating and monitoring the educational program and issues.	+			
<b>total</b>		6	0	1	0
<b>Standard "TEACHERS AND EFFECTIVENESS OF TEACHING"</b>					
23	Medical college must ensure that the qualifications of the teachers correspond to the profile of the subjects taught.	+			
24	The teaching staff that ensures the implementation of the program should be represented by specialists in the specialized fields of knowledge covered by the educational program.	+			
25	Mentors, if available, should be qualified professionals with relevant experience of practical work and their job responsibilities should be clearly documented.	+			
26	The number of full-time teachers should be sufficient to ensure that the results of student learning and the results of the program will be achieved.	+			
27	Teachers should take part in continuous development and receive support for educational and distance technologies.	+			
28	Medical college must identify and implement an employee performance and development policy that:				
29	ensures that clinical activities and research are used in teaching and learning;		+		
30	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;	+			
31	includes training, development, support and evaluation of the activities of teachers, which involves all teachers, not only newly recruited, but also teachers, drawn from practical health care.	+			
32	Medical college monitors the activities of the teaching staff, systematically assesses the competence of teachers, and a comprehensive assessment of the effectiveness of the quality of teaching.	+			
33	A systematic assessment of the activities of teachers demonstrates competences that are consistent with the goals and outcomes of the educational program.	+			
<b>total</b>		9	1	0	0
<b>Standard "STUDENTS"</b>					
34	Changes in policies, procedures and information about the educational program are reported clearly, consistently and in a	+			



	timely manner to the students.				
35	Medical college guarantees the quality of programs and releases on the basis of regular feedback from employers, representatives of industrial practice and other relevant organizations.	+			
36	Trainees should be clearly informed about the evaluation strategy used in their program, about exams or other methods and criteria for evaluating their knowledge, skills and attitudes.	+			
37	Medical college must:				
38	have a system of academic counseling for their students, which includes issues related to the choice of optional classes, career planning, the appointment of mentors (mentors) for individual students or small groups of students.		+		
39	offer a student support program that addresses social, financial and personal needs, which includes support in connection with social and personal problems and events, health and financial problems, access to health care, immunization programs and health insurance, as well as financial assistance services in form of material assistance, scholarships.	+			
40	allocate resources to support students.	+			
41	Ensure confidentiality regarding counseling and support.	+			
42	Medical college must identify and implement a policy of representation of students and their respective participation in the development, management and evaluation of the educational program, and other student-related issues that includes student self-government, the participation of student representatives in the boards of the medical college and other relevant bodies, and in public activities and local health projects.	+			
<b>total</b>		7	1	0	0
<b>Standard "EDUCATIONAL RESOURCES"</b>					
43	Medical college must ensure that the resources used to organize the learning process are sufficient and meet the requirements of the educational program being implemented.	+			
44	The budget and material resources are in sufficient quantities to ensure that the program achieves its mission, goals and expected results. Verification of the sufficiency of resources is made on a periodic basis and, if necessary, the resources are modified.	+			
45	Academic support services provide quality and are regularly checked for compliance with the educational program and the needs of students. There is a certain procedure for regular verification of the sufficient volume of academic support services provided under the program.	+			
46	Academic support services, available through the educational program, ensure the implementation of the mission and achievement of the expected results of students and at least include the following:				
47	computer and technological services;	+			
48	library services;	+			

49	support of distance education, if necessary;			+	
50	consultancy services, including career counseling in health care;	+			
51	other support services for students (for example, literary centers, support services for persons with disabilities), if they are relevant to the program.	+			
52	The resources are sufficient in volume, level, variety and quantity to support the EP, the research program, and the intellectual and cultural development of students, teachers and staff.			+	
53	Medical college has the necessary resources for acquiring practical skills for students and mastering professional competencies, including specialized laboratories, mannequins, simulators, simulation equipment, as well as clinical bases of practical public health.		+		
54	Medical College must guarantee integration with intramolecular electronic resources, the availability of comparative information (benchmarking) about the achievements of the implementation of the educational program against the background of other specialties (training areas) in the medical college.		+		
<b>total</b>		<b>7</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>total</b>		<b>39</b>	<b>7</b>	<b>6</b>	<b>0</b>

