



INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on results of work of the External Expert Committee
on assessment of the
0306000 “Pharmacy” specialty;
Qualification: 0306013 “Pharmacist”
for compliance with requirements of the specialized
accreditation standards
of the Kazakh-Russian Medical College NEI
April 05-07, 2017**

Almaty 2017

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External Expert Committee

*Addressed to
Accreditation Council of the IAAR*



Independent agency for
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In accordance with the Order of the Independent Agency of Accreditation and Rating No.14-17-ОД dated May 16, 2017 the External Expert Committee conducted an assessment of compliance of the educational activity of the Kazakh-Russian Medical College NEI with standards of institutional and specialized accreditation of the Independent Agency for Accreditation and Rating (IAAR).

The report of the External Expert Committee contains an assessment of the activity of the education institution upon criteria of the IAAR, recommendations for the Accreditation Council on further improving of the activity and parameters of specialized profile of the Kazakh-Russian Medical College NEI.

External Expert Committee has worked in the following membership:

1. **Chairman of the Committee** – Saule Sotsialovna Smakova, Teacher of special disciplines of the Medical and Technical College LLP (Astana);
2. **Expert** – Rysty Berekelovna Nurlanova, Consultant of the Republican Higher Medical College (Almaty);
3. **Expert** – Akmaral Aitbayevna Sherimbetova, Deputy Director on Academic Work of the Medical College of the Health Administration SME on REM of Almaty;
4. **Expert** – Farida Yeleusizovna Temirgaliyeva - Associate Professor of the Department of Pharmaceutical Sciences of the Kazakh National Medical University named after S.D. Asfendiyarov (Almaty);
5. **Employer** – Alexander Petrovich Li, Director of the Medline LLP, physician-otorhinolaryngologist (Almaty);
6. **Student** – Makpal Maratovna Kabdoldanova, 3 year student of the Ayazhan Medical College EI (Almaty);
7. **Observer from Agency** – Alice Satbekovna Jakenova, Leader of Medical Projects of the Agency (Astana);

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I. PRESENTATION OF THE KAZAKH-RUSSIAN MEDICAL COLLEGE NEI

The Kazakh-Russian Medical College NEI – one of the leading non-state colleges of the country. The Kazakh-Russian Medical College NEI was established in 2005 under the Kazakh Medical University (KMU) headed by the rector of the KMU, professor N.T. Jainakbayev, which further was rearranged **into the Kazakh-Russian Medical University NEI**.

The Kazakh-Russian Medical College NEI has acquired the status of an independent legal entity and it is a non-state educational institution since April, 2016. The activity of the college is carried out on the basis of the followings:

- Charter No.1118 dated March 25, 2016 of the Kazakh-Russian Medical College NEI, approved by the Ministry of Justice of the RK

- State license (series No.KZ30LAA00006839) and attachments to the state license (No.001) issued on April 18, 2016 based on the Order No.142 dated April 18, 2016 issued by the Committee on control in the field of education and science.

- Certificate on state registration of the legal entity, BIN 131140005924 dated November 07, 2013, re-registration of the legal entity dated March 29, 2016.

Legal address of the college: **75, Karasay batyr str., 050029, Almaty, the Republic of Kazakhstan, tel/fax: 8(727) 272-38-84, office 8(727) 250-83-75, E-mail: nuo_kmu@mail.ru, Official web-site: www.krmc.kz.**

In order to organize the educational process, the college has signed the contract No.1-73 on operational management over the educational building. There are conclusions of the sanitary-epidemiological service and state fire control for use of the educational building.

Educational activity of the college is carried out on the basis of the state license issued by the Department on control in the field of education of Almaty of the Committee on control in the field of education and science of the Ministry of Education and Science of the Republic of Kazakhstan dated April 18, 2016 (series No.KZ30LAA00006839) specializing in "Pharmacy", Qualification "Pharmacist". Language of instruction - state, Russian.

The college is located in a typical building, the total area of all premises used for the organization of the educational process is equal to 1600sq.m., in calculation per one student - 3.8 sq.m..

The college has an educational building - 1600sq.m, lecture halls for practical and seminar classes - 21, lecture halls - 3, lecture halls equipped with modern multimedia teaching aids - 3, computer classrooms -2, reading rooms - 1, scientific and methodical classrooms - 1 , medical room, canteen for 50 seats. Medical care for students is carried out in medical room, which has license No.17004585 for medical activities according to the attached list.

The premises allocated for the placement of rooms and laboratories comply with the sanitary and hygienic requirements, the number of students, hold the educational equipment and special furniture provided by the tables, allow observing the safety rules for practical and laboratory work. Design of all pre-clinical practice rooms is made as close as possible to the design of the future specialist's workplace.

The classrooms comply with the applicable sanitary standards, fire safety requirements, as well as qualification requirements for licensing of educational activity of the educational institutions, which provides the implementation of curricula and programs provided by the State compulsory education standards of the RK in 2010, 2016.

The contracts on joint activity with pharmaceutical institutions in Almaty and Almaty oblast have been concluded to provide quality training of specialists with the qualification 0306013 - "Pharmacist", strengthening of practical skills and conduction of professional practices by the college. The bases of practical training are: Institute of Botany and Phyto-Intrusion RSE on REM, Sadykhan LLP, Nur-Mai Pharmacy LLP.

II. DESCRIPTION OF THE EEC VISIT

The activity of the EEC of the Independent Agency for Accreditation and Rating (IAAR) was carried out on the basis of the Program of the visit of external experts of specialized accreditation to the Kazakh-Russian Medical College NEI within the period from April 05 to April 07, 2017. The materials required for the work were provided to the members of the IAAR EEC.

In order to assess, clarify and supplement the content of the submitted self-reports, meetings were held with the director, deputy directors on academic work, educational and methodological, educational and production, educational work, professional training, economic work, CMC chairmen, department heads, teachers, representatives of employers, students, graduates. (see the table 1).

Table 1 Information on employees and students who took part in meetings with the IAAR EEC

Participants category	Number
Director	1
Deputy Director	2
CMC chairman, department heads	6
Teachers	35
Students	56
Graduates	25
Employers	5
Total	132

In order to obtain objective information on assessment of educational programs, members of the IAAR EEC used the methods such as: meetings, visits, discussions and interviews of employees of various structural subdivisions, students, questionnaire survey of teaching staff and students.

In general, the events planned within the framework of the visit of the IAAR EEC contributed to the detailed familiarization of experts with the educational infrastructure of the college, material and technical resources, teaching staff, representatives of employers' institutions, students, graduates. It allowed the members of the IAAR EEC to conduct an independent assessment of compliance of the data stated in the self-assessment reports of the college's educational programs with the criteria of the standards of specialized accreditation.

During work the EEC has conducted the following types of work:

- 1) visual inspection of the infrastructure facilities of the college: visits of the rooms, reading room, medical room.
- 2) visit of practical classes:
 1. Subject: Pharmacy history 108 A group
Theme of the practical lesson: "Pharmacy at the turn of 18-19 centuries", teacher E.N. Kapsalyamova.
 2. Subject: Technology of medicinal forms, group 209
Theme of the practical lesson: "Emulsion as a form of medicinal agents", teacher K.K. Kozhanova
3. questionnaire survey of students and teachers;
4. meetings-interviews with students, teachers.

III. COMPLIANCE WITH THE STANDARDS OF SPECIALIZED ACCREDITATION

STANDARD - MISSION AND MANAGEMENT

The medical college has a clearly defined mission, goals and expected results of the educational program, which are informed to the concerned persons. The director of the college is the leader in implementation of the mission and strives, based on material opportunities, to provide own employees with support and relevant resources. The State program on development of education of the RK for 2011-2020, the "Densaulyk" State Program for 2016-2019, the Decree of the President of the Republic of Kazakhstan No.922 dated February 01. 2010 "On the Strategic Development Plan of the RK till 2020" are considered during formation of mission, goals, objectives of the college that is expressed in the training of highly qualified specialists with secondary medical education, competitive at the labor market.

During preparation of the draft mission, goals, objectives of the college, the main results of the college's activity in recent years were analyzed in order to identify the status and development trends, as well as the reasons for successes and shortcomings in the work. Development of the mission, goals, objective was carried out by a working group consisting of heads of the structural subdivisions of the college, teachers, students, college employees and representatives of health care institutions, who made proposals to improve the educational process and enhance the training of medical staff, during the discussion.

The draft mission, goals, objectives of the college was submitted for familiarization and wide discussion in the structural subdivisions of the college. Received comments and proposals were considered at the meeting of collegial authorities, after which their final versions were formed.

The college has developed the Strategic Plan on Development of the College for 2016-2020 by the Kazakh-Russian Medical College NEI, which was reviewed and approved on October 28, 2016 at the meeting of the Teachers' Council (Minutes No.2 dated October 28, 2016).

The mission, objectives and expected results reflect the professional standards of technical and professional, post-secondary education in medical and pharmaceutical specialties, the needs and expectations of concerned persons are regularly revised. The mission, objectives, expected results are reflected on the web-site and available to all categories of concerned persons.

The medical college guarantees representation from teachers and students in management over the educational program, provision of their quality.

The academic policy of the medical college is agreed with the training program for specialists with secondary medical and pharmaceutical education, aimed at achieving the mission, objectives and expected results of students and it is fair and published, revised to improve the quality of the educational program.

Strengths:

All the dynamics of the educational program activity in all areas is carried out in accordance with the mission, strategy and available resources of the college, which meet the demands of the market, region, technical and professional education system and educational policy of the RK.

The mission, goals and policy of the college are timely revised at the planning stage and at implementation of made decisions with participation of students, teachers, employers and concerned persons.

Demands and expectations of concerned persons.

The medical college has a strategic development plan meeting the stated mission of the educational program and providing the achievement of the final results of training.

The academic policy of the medical college is agreed with the training program for

specialists with secondary medical and pharmaceutical education.

External expert committee notes that college has strong positions by 6 criteria of this standard.

STANDARD - EDUCATIONAL PROGRAM

Study on specialty is conducted in accordance with the State Compulsory Educational Standard of the Republic of Kazakhstan in 2010, 2016, approved and put into effect by the order of the Ministry of Health of the RK No.378 dated May 24, 2010, by the order of the Ministry of Health of the RK No.661 dated July 29, 2016 corresponds to the mission, vision and goals of the KRMC NEI, Structure of the educational program 0306000 "Pharmacy", qualification 0306013 "Pharmacist" defines disciplines and types of student's academic work. The educational program reflects modern scientific achievements in the field of healthcare on improvement of the quality of medical care for the population, the organization standards of the educational process are taken into account, the required competencies of specialists complying with the level of this qualification are included, the use of modular study technologies is provided. The educational program is developed in accordance with the theoretical and practice-oriented requirements to basic and professional competences. The educational process is focused on the future practical activities of specialists with qualification of "Pharmacist" by integration of interdisciplinary connections of general educational, professional and special disciplines. Motivational, volitional and emotional environment of the student is constantly activated during study for development of respect for his/her profession. Favorable conditions for acquiring the student's professional interest are provided by: methods of maximal cognitive activity (seminars, practical classes, lectures); formation of emotions of success in study, realizing self-confidence. Independent work of students in the college is conducted in the form of classroom independent work, performed at classes under the direct supervision of a teacher on the basis of the college and on the bases of practical health care. Five contracts for conduction of educational, educational and production and professional practices in the "Pharmacy" specialty have been concluded between the college and the medical institution.

The amount of classroom classes does not exceed at the average rate of 36 hours per week, at the total workload of the student - 54 hours per week, including all types of extracurricular work. The distribution of classroom hours for theoretical and practical components is carried out taking into account the status of disciplines and belonging to a certain cycle. The curriculum reflects the sequence of disciplines of the professional and special cycle taking into account the systemic acquisition of knowledge and availability of inter-subject connections and is determined by the logic of the preparatory process to the perception, assimilation, deepening and concretization of special knowledge. The educational practice of the college uses innovative teaching methods. Teachers of the college apply various types of control: introductory, current, intermediate, final. Methods of control: oral, written, programmed. Situational objectives, test tasks of different levels of complexity, graphic dictations, crosswords, etc. have been developed. Schedules of transfer and state exams, which are approved by deputy director on academic work, are prepared timely. Educational and programmatic documentation (curriculum, typical working curricula and programs, individual curricula for each discipline), developed in accordance with the requirements of the State Educational Standards of 2010, 2016. Meet the objectives and content of the educational program to achieve the expected learning outcomes.

In order to realize the goals of educational programs, the educational institution has a dynamically developing material and technical base, active and equal cooperation with leading domestic and foreign health and education institutions, apply innovations in the educational sphere on the basis of the adoption of modern integrated and harmonized educational technologies, a developed system for improving the pedagogical and scientific qualifications of teachers .

Strengths:

Educational and program documentation: curriculum model, standard working curricula and programs, individual curricula comply with the goals, content of the educational program to achieve the expected results of study;

The educational institution has a dynamically developing material and technical base for realization of the goals of educational programs;

The medical college provides a variety of assessment methodologies, which reflect the established basic and professional competencies and assess the achievement of learning activity results;

The medical college guarantees that students acquire sufficient knowledge and clinical and professional skills in order to be able to treat aid to patients with various pathological conditions;

The established goals of the educational program and final results of study achieve a qualitative assessment of professional skills by effective cooperation between medical and educational institutions.

External expert committee notes that college has strong positions by 9 criteria of this standard.

STANDARD - EFFICIENCY OF THE EDUCATIONAL PROGRAM

Students' Assessment Plan, in which the fact of achievement of expected results of learning, is determined and implemented within the framework of the educational program. The management of the educational program provides equal opportunities for students, including regardless of the language of instruction on formation of an individual educational program aimed at the formation of professional competence

Monitoring over the quality of knowledge of students in groups, specialties and courses is conducted at the end of each semester, 2 times per academic year. The analysis of the results of the final state certification is conducted by chairman of the qualification committee, appointed from among employers and representatives of practical health care. Results are heard at the pedagogical council, corrective actions are planned.

Table - Dynamics of indicators of academic performance and quality of knowledge upon the final state certification

Academic year	Number of graduates total	Graduates passed exams with:					Academic performance %	Knowledge quality %	Graduated with an honours degree
		«5»	«4,4-5»	«3,4,5»	«3»	«2»			
2013-2014	9	2	7	-	-	100	100	2	
2014-2015	16	1	11	4		100	75	1	
2015-2016	10	8	2			100	100	8	

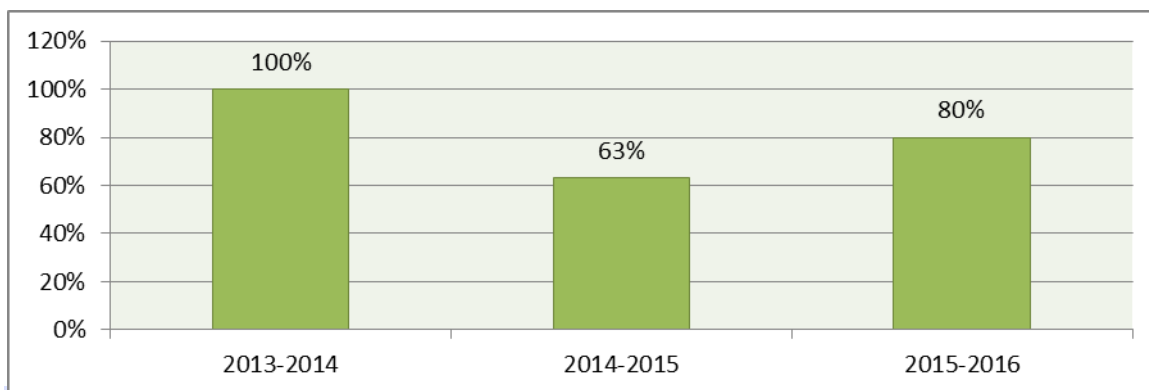
The analysis of the final state certification shows an improvement in the quality of knowledge and the stability of the results of academic performance, which indicates a satisfactory level of training of specialists and compliance of the main indicators of educational activity with qualification requirements in the specialty "Pharmacy" and is equal to 91.7.

Understandable and open policy regarding complaints from students is carried out within the frameworks of the educational program, and if necessary, information obtained from official complaints is used for assistance to the continuous improvement of the program.

The monitoring system of the educational program includes the determination of the degree of satisfaction with the quality of education of students and employers.

In order to assist to the employment of graduates in the specialty "Pharmacy", an annual "Vacancy fair" and subsequent monitoring of employment are conducted. The indicator of the employment of the KRMC graduates for the last 3 years is equal to 81%, which indicates the high demand of specialists in post-secondary pharmaceutical education. (Diagram 1.)

Diagram 1. % of employment of the graduates in the specialty 0306000 "Pharmacy"



Training of specialists upon the educational program of specialty 0306000 - "Pharmacy" provides a highly qualified teaching staff.

Internal and external examination of curricula, working programs of disciplines and academic and methodological complex are conducted for regular assessment and monitoring over the educational program in the college. In the 2012 academic year, the college successfully passed the state certification.

Strengths:

regular external and internal control (audits) and analysis of all types of activity of the college;

use of effective assessment system of real practical knowledge and skills of the students at conduction of the final state certification;

- active work to improve the professionalism of teachers;
- expansion of partnership in implementation of the programs, participation in international academic mobility programs;
- high percentage of graduates.

External expert committee notes that college has strong positions by 6 criteria of this standard

STANDARD - TEACHERS AND EFFECTIVENESS OF TEACHING

Teachers working in the specialty 0306000 «Pharmacy» consists of teachers of special, general professional, social-economic and general humanities disciplines.

Assessment of the effectiveness of teaching quality is carried out through conduction of open classes, reciprocal visiting of classes, masterclasses, competitions, seminars, conferences, questionnaire survey «Teacher by student's impression». The quantitative and qualified staff of teachers corresponds to this educational program.

Number of teaching staff in the specialty 0306000 - «Pharmacy», is equal to: 25 persons, including 18 (72%) of staff teachers and 7 (28%) of teachers in addition to other duties that corresponds to requirements of the staffing level of teaching staff of educational institution.

Teaching staff has 2 candidates of sciences, 8 of them have master degree.

Qualification improvement of teaching staff of the college

Academic years	Number of persons, who passed the qualification improvement			
	Total teaching staff	Total staff	Passed the qualification improvement in leading colleges, at enterprises, in institutions	
			Teaching staff	Staff
2012-2013	3	2	3	2
2013-2014	2	1	2	1
2014-2015	2	1	2	1
2015-2016	4	3	4	3
2016-2017	22	4	22	4

Positive dynamics is shown at data analysis of the teachers of college who have improved their qualifications during the period from 2012 to 2017. Number of teachers in the educational program 0306000 - «Pharmacy», who have improved their qualifications, has increased 5 times.

Teaching staff, carrying out implementation of the program, meets the requirements and it is represented completely by specialists in the specialized areas of knowledge of the educational program.

Listeners of the «School of Young Teachers» in 2016-2017 were 8 teachers:

Supervisors from among the experienced teachers who have the highest and first qualification category are annually assigned to each new teacher and young specialist for the purpose of rendering of the pedagogical and methodical support in the period of professional adaptation to the new professional conditions. Supervisors shall analyze the work of wards, assess their potential capabilities, assist in selection of didactic material, visual aids, types of control, provide the help in development and filling of documentation. The Education and Training Centre has developed the program (within the frameworks of the School of Young Teachers), containing theoretical and practical material on pedagogy, psychology, teaching and education methods, for acquisition of skill of teaching and educational work, obtainment and systematization of knowledge in the field of pedagogy.

New teachers are provided with the «Set of methodical recommendations», which contains instruction sheets, recommendations, short pedagogical dictionary of pedagogical terms, possible content of academic and methodological complex of teacher and students, reference materials upon the types, forms, methods of the organization of educational activity of students, education technologies.

Teachers of the college constantly take participation in the continuous development. Therefore, the college conducts systematic work on development and support of teaching technologies. Teachers of the college have developed academic and methodological complexes on disciplines, according to the State general educational standard of technical and professional education of the RK, approved by the Government Resolution of the Republic of Kazakhstan No.1080 dated August 23, 2012 and methodical recommendations developed by the Methodological Council of the Kazakh-Russian Medical College/Minutes No.1 dated September 30, 2016.

Academic and methodological complex of disciplines contains the whole package of required educational-methodical materials, allowing to effectively organize the work of the teacher on this course;

- unites all documents, required for realization of educational objectives meeting the requirements of the State compulsory educational standard, into the complex;
- gives the opportunity to develop the process of studying the subject from the point of view

of achievements of higher requirements to knowledge, abilities and skills of the students.

Academic and methodological complex of disciplines includes as follows:

1. Standard discipline program (copy, certified by the signature of Deputy Director on teaching and educational work with the stamp of the educational unit).
2. Working education program of discipline.
3. Working program on professional practice.
4. Methodical guidelines on practice, forms of reporting documentation.
5. Syllabus (educational and methodical materials of the student)
6. Lecture complex.
7. Methodical recommendations for classes (practical, seminar, laboratory).
8. Facility instrumentation
9. Card of educational and methodical provision of discipline.

Duration and hours, required for completion of the educational program correspond to achievements of certain results of educational activity of the students and results of the program taking into account policy of the medical college, national standards and the best practices.

Teachers of college along with traditional methods of training shall apply various innovative technologies and methods: method of the problematical statement, electronic presentations, work in small groups, quizzes, role-playing games, etc.

For the purpose of the intensification of training, increase of efficiency and quality of educational process, the teaching rooms of the college are provided with the automated workplace of the teacher and projector, from which the image is transmitted to the interactive whiteboard, strengthening and expanding possibilities of the training activity.

Software of educational disciplines are used in college for independent work of students: electronic textbooks, programs - simulators, dictionaries, reference books, encyclopedias, video lessons, multimedia library. Multimedia resources allow to execute the full-fledged practical classes, carry out certification. Multimedia programs submit the information in various forms and thus make the training process more effective, allowing to save time, required for studying of concrete material, and acquired knowledge is stored in memory much longer.

Subsequence of studying of educational disciplines, distribution of educational time at courses and semester which are reflected in graphics of educational process, working curriculum, class timetable is established according to the applicable State Compulsory Educational Standard and Standard Education Programs.

Educational technologies are implemented generally with application of means of informatization and telecommunication, at mediated or not completely mediated interaction of the student and teacher. As the electronic library works in the college, which includes various educational and scientific aid on educational profile, the students have access to syllabuses on computers of the library, as well as electronic database of tests on all disciplines, including special, general professional, general humanities and social and economic disciplines is available. Intermediate and final control of theoretical classes is carried out by electronic method. There is free access to the internet resources, personal computers, netbooks and laptops, simulation center in the college. There are electronic database of the course scheduling and work education programs, electronic portfolio of teachers. The medical college independently determines and introduces the policy of activity of the college staff development. Thus, the following purposes are clearly identified for 2016-2020 in the concept of development of the college:

Improvement of potential of teachers, including the following tasks:

- qualification improvement at courses and practices in the RK and abroad;
- improvement (confirmation) of qualification categories;
- participation in conferences, competitions, master classes, forums of teachers innovators, scientific and practical seminars, trainings, symposiums, round table, joint projects with the mass media, etc.

The work results for academic year are summed up in the reports of teachers according to the individual plan of teachers. The pedagogical staff of the college constantly improve its professional level, including:

- theoretical knowledge;
- pedagogical excellence;
- skills in educational work;
- skills in development of the methodological support of educational process;
- skills in use of modern technical education means;
- skills in scientific research activity;
- skills in use and application in work of innovative technologies of training and ICT.

Strengths:

Active work on improvement of the professionalism of teachers is carried out in the college (school for young teachers, school of advanced experience);

The sufficient number of teachers with the highest and the first category.

Teachers participate in the continuous development and support of modern education technologies.

Recommendations:

1. activate the work on application of innovative methods at practical classes

2. use scientific researches in the educational process

External expert committee notes that college has strong positions by 8 criteria of this standard and satisfactory by 2 criteria

STANDARD – STUDENTS

The total contingent of students in the educational program is equal to 47 students.

Dynamics of movement of the contingent in the breakdown of the educational program is as follows:

Number of accepted students

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Number of people, who submit the application	25	20	13	11	31
Number of enrolled students	23	17	10	7	27

Number of enrolled students for the first year and total number of students enrolled in this educational program

Number of students	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
First year	23	17	10	7	27
Total	33	47	38	29	47

Contingent of students

	Code of the program, code of the specialty	Accepted students, total	Number of students by years of study	Total number of students of all years of study	Expected number of graduates for 2016-2017

	0306000 - Pharmacy; qualification 0306013 - Pharmacist		1	2	3		
	Number of students	27	27	10	10	47	10

Amendments to the policy, procedures and information about educational program shall be clearly, consistently and timely informed to the students. Assessment system, applicable in the college, is based on Standard regulations of carrying out of current control of academic progress, intermediate and final certification of students in of technical and professional, post-secondary education institutions, approved by the Order of Ministry of Education and Science of the Republic of Kazakhstan No.125 dated March 18, 2008, developed in accordance with the sub-item 19, article 5 of Law of the RK – On education. Intermediate and final state certification on general and special disciplines shall be carried out in accordance with the educational programs in the following forms: orally, by tickets in the form of test examination.

The highest authority of students' self-government in the KRMK is the Student Board (Regulation on student self-government, approved on August 29, 2016). The primary objectives of the Student Boards are as follows: social protection of studentship; improvement of legal literacy of students; information, organizational and financial support of mass student events. One of directions of the trade union organization of students is provision of moral and material support to students, who are in a difficult situation. Active participants of educational process will be awarded with certificates, valuable gifts, and tickets to cultural events. The medical college has a system of academic consultation with students. Students have the right to make proposals on improvement of educational process, participate in resolution of important issues of life of the college.

Medical college shall guarantee quality of programs and graduations on the basis of regular feedback from employers, representatives of production practice and other relevant companies.

Feedback from students on assessment of conditions and arrangement of the educational process is established in the college: information stands in the lobby of the first floor, which contain names of the cycles and educational disciplines, schedule of the lessons, schedule of educational and production practice, professional pedagogical practice, schedules of exams and consultation, schedule of additional lessons.

Students are informed about assessment strategy applied in their program, as well as about exams or other methods and criteria for assessment, which will be applied for assessment of their knowledge, skills and attitudes about the assessment criteria, applied to students in theoretical and practical lessons. Students have the right to make proposals on improvement of educational process, participate in resolution of important issues of the college's activity, and are the members of collegiate authorities.

Flexible system of payment for education is provided in the college; and system of provision of social support for the period of education of students, who have a disability due to their health condition, orphans and children left without parental care and under guardianship, is functioning. This category of students also has the benefits in payment for education, 50% discount in payment for education is provided to 3 orphans, 4 students with disability of 2-3 groups, and 8 students with certificate with honors.

Conditions for development of creative, sport achievements and improvement of social and domestic conditions are provided in the college: clubs, sport sections, canteen, medical room, assembly hall, reading room, library.

Monitoring over employment and professional activity of graduates is an important factor in the college. Fair of jobs is carried out on an annual basis, records on employment of graduates are

kept, and reporting shall be submitted. Social partners, on the bases of medical institutions, creates conditions for qualitative adaptation of graduates of the college at the workplaces. For this purpose, college has schools of mentoring, young specialist. Mentor from among experienced specialists, who within 3 years teaches, fixes practical knowledge and skills, which allows to successfully pass the quarterly checking of knowledge on manual skills, shall be appointed to supervise each young specialist on an annual basis according to the work plan. Work on communication with graduates through visiting of regions, oblasts, city medical institutions, as well as questioning and interview with employers and graduates, is carried out.

Analysis of employment for 5 years shows that in average 73% of graduates are employed, and 14% out of the total number of graduates enters the universities.

78 students of this specialty were participated in the questioning within the framework of external expert committee. 65 people (83.3%) are satisfied with the availability of consultation upon personal problems; existing educational resources of the college - 76 people (97.4%); usefulness of the website of the educational institution in general - 74 people (94.9%), educational methods in general - 75 people (96.2%). Thus, based on the results of the questioning, it is possible to make a conclusion that most of the students are satisfied, both with the material and technical base of the college, and with the conditions of studying in the college.

Strengths:

- availability and regular updating of educational, methodical, material, technical and financial base;
- The students' support program, aimed at social, financial and personal aspects of students' support, is applied.
- System of consultation with students, including issues related to selection of optional classes, professional careers and other issues, is developed.
- The confidentiality concerning service of consultation of students is provided.
- The system of monitoring over employment and professional activity of graduates is developed and applied.
- Mentoring system, school of a young specialist on the bases of medical institutions on the adaptation of graduates of the college, is created.

External expert committee notes that college has strong positions by 8 criteria of this standard.

STANDARD - EDUCATIONAL RESOURCES

College is located in 4-floor building with total area of 1600 sq.m. In order to implement the educational programs, college has 24 classrooms, 3 lecture halls, 2 computer classes. There is Internet access (ADSL). Management of the college has workplaces equipped with computers. Material and technical equipage of classes of special disciplines complies with requirements of the Approximate table of equipage of classes and in average is equal to 80.8%.

There is a standard sports hall for carrying out of lessons on physical education: equipped

with inventory for general physical training, equipped with male and female changing rooms, showers, and trainer's room for teachers.

Medical care of students is carried out by medical room in accordance with the license on treatment of pre-medical care.

Canteen for 50 places with hot meals is functioning in the college.

Total area of the library is equal to 323.20 sq.m, reading room for 120 places. Book fund is equal to 25779 pcs., 960 of them are in the state language. Library and reading room have all the conditions for qualitative and in-depth knowledge acquisition: interactive panel, electronic catalog, shelves for new editions of educational and methodological literature. Library is equipped with 15 computers, Internet access is available, Student Consultant - electronic library of the medical college, electronic textbooks, animation discs on medicine, and MFD (3 in 1: printer / copier / scanner), for assistance in self-preparation of students. Test center with 72 computers for carrying out of current, intermediate and final certification. The amount of computer equipment used in the educational process - 100 computers. Number of students per computer - 4 people.

There are simulation rooms for nursing technology, on pediatric diseases, surgery, obstetrics and gynecology, and internal diseases. Educational and clinical center for the development and consolidation of practical skills is functioning. Classes are equipped with new training simulators, mannequins, phantoms, ergonomic equipment, and medical furniture. Equipage is equal to 80.8%.

Material and technical base of the college complies with the sanitary and hygienic standards and fire safety requirements. In order to provide accessibility of human resources, curators are assigned to each group, for help as supervisors - heads of departments, college psychologist, deputy director on studies and educational work, and to receive social and material assistance, students can apply to the head of the department. Additional lessons, schedules of which are placed on informational stands on each floor, are organized in each class. Information stands, which contain all required information for students, are prepared.

Medical college provides acquisition of adequate clinical experience by the students and has the required resources for practical training in medical institutions.

Strengths:

- college has a well-equipped material and technical base;
- possibility to practice practical skills in the simulator center of the college;
- sufficient number of classrooms at the clinical bases of practice with modern equipment for carrying out of lessons.
- resources for acquiring of practical skills and mastering their professional competencies by students are presented in full volume.

External expert committee notes that college has strong positions by 11 criteria of this standard.

SPECIALIZED PROFILE PARAMETERS

No.	Criteria for assessment	Position of the education institution			
		Strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard – MISSION AND MANAGEMENT					
1	Medical college shall determine mission, goals and expected results of the educational program and bring them to the attention of concerned people.	+			
2	Mission, goals and expected results of students shall be periodically reviewed in order to reflect:				
	professional standards of technical and professional, post-secondary education on medical and pharmaceutical specialties;	+			
	needs and expectations of concerned people.	+			
3	Medical college shall have the Strategic plan on development, which comply with the stated mission of the educational program and provide achievement of the final results of education.	+			
4	Medical college shall guarantee representation of teachers and students in the management of the educational program, and provision of their quality.	+			
5	Documentation and publication shall be accurate and reliable. Links to proposals, results, status of accreditation / approval of the program, schedule of educational process, staff policy and acceptance policy, policy of assessment, requirements to completion of the program for obtainment of the qualification, cost of education, shall be accurate and reliable.	+			
6	Academic policy of the medical college shall be coordinated with the training program for specialists with secondary medical and pharmaceutical education. This policy is aimed at achievement of mission, goals and expected results of students and is fair and reasonable, it is published and can be reviewed to improve the quality of educational programs.	+			
TOTAL		7			
Standard – EDUCATIONAL PROGRAM					
7	Educational and program documentation: model of curriculum, standard working curricula and educational programs, individual curricula correspond to the goals, contents of the educational program to achieve the expected results of learning.	+			

8	Medical college shall use educational program and methods of teaching and learning, based on modern principles of teaching, which stimulate, prepare and support students and provide formation of students' responsibility for the process of own education.	+			
9	Medical college shall give a description of the content, volume and sequence of courses and other elements of the educational program, in order to guarantee observance of principles of studying of the cycle of disciplines, integrated into modules on the principle of integrated learning.	+			
10	Medical college shall establish certain amount of time for the profile specialization component, which includes disciplines in priority areas of health care taking into account national and regional needs.	+			
11	Medical college shall guarantee that students acquire sufficient knowledge, as well as clinical and professional skills in order to assume the relevant responsibility for health promotion, disease prevention and patient care.	+			
12	Contracts, written agreements with medical companies, which are the clinical bases for passage of practice, are valid, and determines expectations of all participants and provides protection of students.	+			
13	Medical college shall guarantee various assessment methods, which reflect established basic and professional competencies, and assess the achievement of results of educational activity of students.	+			
14	Working curricula and programs of disciplines shall be regularly reviewed in accordance with the goals and results of implementation of the educational program in order to guarantee integrity, rigidity and relevance.	+			
15	Medical college shall provide operational connection between the educational program and subsequent stages of professional training (bachelor's degree, specialization, CPD / CME) or practice, which student will begin after completion of learning.	+			
TOTAL		9			
Standard – EFFICIENCY OF THE EDUCATIONAL PROGRAM					
16	Students' Assessment Plan, in which the fact of achievement of expected results of learning by graduates of the program is established and efficiency of the program is assessed, shall be determined and implemented within the framework of the educational program.	+			
17	Surveys and other sources of data are used for collection of information about the level of satisfaction of students, former students and employers, as well as demonstrate achievements of graduates. Collected data includes percentage of graduates, percentage of students, who have successfully passed the certification examination, as well as percentage of employment.	+			
18	Data about cumulative results of students testifies the efficiency of the program in achievement of own mission and goals, as well as expected results.	+			
19	The cumulative results of teachers correspond and contribute to the achievement of the mission and goals of the educational program	+			

	and expected results of students.				
20	Understandable and open policy regarding complaints of students is implemented within the framework of the educational program; and, if it is necessary, information obtained from official complaints shall be used to facilitate the continuous improvement of the program.	+			
21	System of monitoring over educational program includes the determination of the degree of satisfaction of students and employers with the quality of education.	+			
22	Medical college has the mechanisms of approval, regular assessment and monitoring over the educational program and graduations.	+			
TOTAL		7			
23	Medical college shall guarantee compliance of teachers' qualification with profile of the taught disciplines.	+			
24	Teaching staff, providing the implementation of the program, shall be represented by specialists in the specialized fields of knowledge covered by the educational program.	+			
25	Supervisors, if available, shall be qualified specialists with relevant experience of practical work and their professional duties shall be clearly documented.	+			
26	Number of full-time teachers shall be sufficient to guarantee that results of learning of students and results of the program will be achieved.	+			
27	Teachers shall participate in continuous development and receive support of teaching and distance technologies.		+		
28	Medical college shall determine and adopt policy of activity and development of employees, which:				
29	guarantee that clinical activity and scientific researches are used in teaching and learning;		+		
30	guarantee the sufficiency of knowledge of the educational program, which include knowledge about the methods of teaching / learning and general content of the educational program, as well as other disciplines and subject areas by each employee in order to stimulate cooperation and integration;	+			
31	include training, development, support and assessment of activity of teachers, which involve all teachers, not only newly employed, but also teachers, attracted from practical health care.	+			
32	Medical college shall provide monitoring over activity of teaching staff, systematic assessment of teachers' competence, complex assessment of efficiency of teaching quality.	+			
33	Systematic assessment of the activity of teachers demonstrates competencies, which are comply with goals and results of the educational program.	+			
TOTAL		8	2		
Standard – STUDENTS					
34	Amendments to the policy, procedures and information about	+			

	educational program shall be clearly, consistently and timely informed to the students.				
35	Medical college shall guarantee quality of programs and graduations on the basis of regular feedback from employers, representatives of production practice and other relevant companies.	+			
36	Students shall be clearly informed about the assessment strategy applied in their program, as well as about exams or other methods and criteria of assessment, which will be used for assessment of their knowledge, skills and attitudes.	+			
37	Medical college shall:				
38	have a system of academic consultation with own students, which include issues related to the selection of optional classes, career planning, appointment of supervisors (mentors) for individual students or small groups of students.	+			
39	offer students' support program, aimed at social, financial and personal needs, which include support in relation to social and personal problems and events, health problems and financial issues, access to health care, programs of immunization and medical insurance, as well as services of financial assistance in the form of material assistance, scholarships.	+			
40	allocate resources to support students	+			
41	provide confidentiality regarding consultation and support.	+			
42	Medical college shall determine and adopt policy on students' representation and their relevant participation in the development, management and assessment of the educational program, and other issues relevant to students, which include student self-government, participation of students' representatives in the boards of the medical college and other relevant authorities, as well as in community activities and local health care projects.	+			
TOTAL		8			
Standard - EDUCATIONAL RESOURCES					
43	Medical college shall guarantee that resources, used for arrangement of educational process, are sufficient and complies with requirements of the implemented educational program.	+			
44	Budget and material resources are in sufficient quantity to provide achievement of mission, goals and expected results by the program. Checking of sufficiency of resources shall be carried out on a periodical basis; and, if it is necessary, carry out the modification of resources.	+			
45	Academic support services provides quality; and it shall be regularly checked for compliance with the educational program and needs of students. There is a certain procedure for regular checking of the sufficient scope of academic support services rendered under the program.	+			
46	Academic support services, available upon the educational	+			

	program, provides implementation of the mission and achievement of expected results of students and at least include the following:				
47	computer and technology services;	+			
48	library services;	+			
49	support of distance education, if necessary;		+		
50	Consultation services, including services on consultation upon the issues of career in health care;	+			
51	Other support services for students (for example, literature centers, support services for persons with disabilities), if they are relevant to the program.	+			
52	Resources, in terms of volume, level, variety and quantity, are sufficient to support the educational program, program of scientific researches, as well as intellectual and cultural development of students, teachers and staff.	+			
53	Medical college has the required resources to provide the students with possibility to acquire practical skills and mastering of professional competencies, including specialized laboratories, mannequins, training and simulation equipment, as well as clinical bases of practical health care.	+			
54	Medical college shall guarantee integration with intra-college electronic resources, availability of comparative information (benchmarking) about achievements of implementation of the educational program in comparison with other specialties (training directions) in the medical college.	+			
TOTAL		11	1		
GRAND TOTAL		50	3		