



INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

# REPORT

**on results of work of the External Expert Committee  
on assessment of the**

**0307000 “Orthopedic stomatology ” specialty;**

**Qualification: 0307013 “Dental mechanic”**

**0304000 “ Stomatology ” specialty;**

**Qualification: 0304023 “Dentist”**

**for compliance with requirements of the specialized  
accreditation standards**

**of the Kazakh-Russian Medical College NEI**

**April 05-07, 2017**

Petropavlovsk 2017

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

*Addressed to*  
*Accreditation Council of the IAAR*



Independent agency for  
accreditation and rating

**REPORT**

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**on assessment of the 0307000 “Orthopedic stomatology” specialty;**  
**Qualification: 0307013 “Dental mechanic”**  
**0304000 “Stomatology” specialty;**  
**Qualification: 0304023 “Dentist”**  
**for compliance with requirements of the specialized accreditation standards**  
**of the Kazakh-Russian Medical College NEI**  
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**Petropavlovsk, 2017**

In accordance with the Order of the Independent Agency for Accreditation and Rating No.14-17-OD 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. **The chairman of the commission** is Katpenova Saule Atantayevna, the director of SME "Kostanay Medical College" (Kostanay);
2. **The foreign expert** - Turitsa Anna Anatolyevna, the principal of FGOU IN Omsk the state medical university (Omsk, the Russian Federation);
3. **The expert** is Nurgaliyeva Ainur Tleugaliyevna, the manager of EMA "I OO "Educational clinical center "Odontology" (Astana);
4. **The expert** is Kashkinbayev Yerlan Tursynbayuly the chief researcher of JSC Medical University Astana (Astana);
5. **The expert** is Lokteva Tatyana Aleksandrovna, the director of limited liability partnership Vitava" (Petropavlovsk);
6. **The employer** is Isina Roza Konstantinovna, the senior midwife "MSE on REA"City hospital №1" (Petropavlovsk);
7. **The student** is Bayazitova Almagul Maralovna the student of 3 course, the North Kazakhstan professional teacher training college (Petropavlovsk);
8. **The observer from the Agency** –Jakenova Alisse Satbekovna, the principal of medical projects of the Agency (Astana).

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## 1. REPRESENTATION of MSE on REA "NORTH KAZAKHSTAN MEDICAL COLLEGE"

The North Kazakhstan medical college is one of the oldest educational institutions in Kazakhstan. The history of the college began in the 25<sup>th</sup> of December in 1930 when the medical school with two departments was opened. In 1936 it was renamed into paramedical-obstetrician school, which was reorganized into Petropavlovsk medical specialized school in 1954. In 1994 medical specialized school was transformed into Petropavlovsk medical college. Since the 5<sup>th</sup> of January 2003 there was the decision of the akimat of North-Kazakhstan region, the regional Department of justice re-registered Petropavlovsk medical College, the following name was installed: State municipal state enterprise "North Kazakhstan medical College" of the akimat of North-Kazakhstan region of the Ministry of Health of the Republic of Kazakhstan. In 2007 college was renamed into State Public Enterprise «North Kazakhstan medical college» of akimat of North Kazakhstan region the Ministry of Health of Republic of Kazakhstan. Since the 21<sup>st</sup> of January it is a municipal state enterprise on the right of economic management «North Kazakhstan medical college» of akimat of North Kazakhstan region the Department of Health of North Kazakhstan Region. Since 17.04.2017 year, The municipal state enterprise on the right of economic authority " The North Kazakhstan medical college" of municipal state agency of akimat of the North Kazakhstan region Department of Health"

The head of the College is Akhmetov Marina Bolegenova, obstetrician and gynecologist of the highest qualification category on specialty "Public health/social hygiene and health organization", excellent health, chief freelance specialist in medical and pharmaceutical education and science.

The legal address of the college: North Kazakhstan region, Petropavlovsk, 150013, Shukhov str., 42, phone number 8(7152) 508560, e-mail: [mediksko@mail.ru](mailto:mediksko@mail.ru), website [www.mksko.kz](http://www.mksko.kz)

Departmental affiliation – Ministry of Health of Republic of Kazakhstan.

Type of ownership – municipal state enterprise on the right of economic management.

Main kind of activity - educational.

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

1. Organization chart of municipal state enterprise on the right of economic authority «North Kazakhstan medical college» of akimat of the North Kazakhstan region Department of Health of the 21<sup>st</sup> of January, 2013 №18;
2. Certificate of state registration of rights to real estate and transactions with it № 15:234:010:067:42:A/A of the 15<sup>th</sup> of January 2002.
3. Certificate of state re-registration of a legal entity № 964-1948-01- GP, given by the Department of Justice of the 19<sup>th</sup> of February 2013;
4. statistical card, given by the KR statistical agency of the 31<sup>st</sup> of January, 2007 №4768-1948-GP;
5. taxpayer certificate of 24<sup>th</sup> of April 2007 №48140025408.

Authorized body is municipal state agency of akimat of the North Kazakhstan region Department of Health

College owns the state property on the right of operative management. There are conclusions of the sanitary and epidemiological service and state fire control for the use of the educational building.

The College provides its education in accordance with article 9 of the Law of the Republic of Kazakhstan "On licensing", under a General state license № KZ46LAA00008782 from the 17<sup>th</sup> of April, 2017 issued by the Department of control in education in North Kazakhstan region of Committee for control in education and science Ministry of education and science of the Republic of Kazakhstan in the field of:

0301000 «Curative Affair» with qualification 0301013 «Doctor assistant»;

0301000 «Curative Affair» with qualification 0301023 « Obstetrician »;  
0302000 «Nursing Affair» with qualification 0302033 « A nurse of general practice »;  
0304000 « Stomatology» with qualification 0304033 «Dentist»;  
0305000 «Laboratory diagnostics» with qualification 0305013 «Laboratory assistant»;  
0306000 «Pharmacy» with qualification 0306013 «Pharmaceutist »;  
0307000 « Orthopedic stomatology» with qualification 0307013 «Dental mechanic».

In 1998 the department of advanced training for mid-level medical workers and pharmaceutical workers was opened.

Since April 2013, there is quality control department started to work at the College.

The training is provided by the state educational order at the expense of budgetary funds and on a fee basis with full compensation of tuition. In 2016 – 2017 academic year the contingent of students made up 1155 people, including on the state order - 254 people, with full compensation for the cost of training – 901. Training language are Kazakh, Russian. In the Kazakh language study 189 people in Russian – 966 people. Training of specialists in state language is carried out since 1994 on the specialties «Nursing Affair» and «Curative Affair». Full-time education is carried out based on the basic secondary education and general secondary education. In 2013, evening form of education on specialties 0302000 "Nursing Affair" 0302033 with the qualification "A nurse of general practice" and 0306000 "Pharmacy" with qualification 0306013 "Pharmaceutist" according to the order №297- U of the 26th of September, 2013 was opened. One of the main condition of admission rules for this training form is to work in the medical and pharmaceutical organizations of the city and region. Nowadays there are 224 people studying on the specialty «Nursing Affair» and 88 people on the specialty «Pharmacy».

The last state attestation was carried out in 2012 in accordance with the decree of the Chairman of the Committee for control of medical and pharmaceutical activities of the Ministry of Health of the Republic of Kazakhstan of the 12<sup>th</sup> of November, 2012 № 856 «On providing state attestation of municipal state enterprise on the right of economic management «North Kazakhstan medical college» College was certified for a period of 5 years in accordance with the decree № 950 of December 4, 2012 «On the results of the state attestation of municipal state enterprise on the right of economic management «North Kazakhstan medical college».

College consists of 2 buildings, with a total area of 5918,7 sq. meters, connected by a covered way, put into operation in 1984. Studies area is 2289,02 sq. meters. 2,0 sq.m are the share of one student that conforms to requirements of sanitary standards and safety regulations.

There are studies of administration departments and the assembly hall for 135 seats in the administration building. Studies and laboratories are organized and function according to the existing curricula taking into account their combination in related objects and specialties. Physical training classes and health promotion programs are conducted in standard gym equipped with modern gym apparatuses. There is a ski lodge, changing rooms for boys and girls, shower room. There is a football field with the area 0,3562 h. on the territory of college.

In 2014-2015 academic year simulation center with the equipment was opened. The center is situated on the 4th floor and consists of 5 classrooms which are made for clinical bases, which are intended for the certification of medical workers, cabinet for computer testing and study for audio and video watching .

There is no dormitory in the college. In 2015, the Decree of Akim of the region on the allocation of land for construction of hostels for students was signed. At present the allocation of funds from local budget is planned. Nonresident students live in rented apartments.

The college has a canteen for 120 sitting places. Medical center located on the ground floor with a separate entrance and consists of a treatment room, immunization, office of admission of outpatients. Students' medical servicing is carried out on registration to PNI " Денсаулық "

The studying base of the college is presented by 27 studies and 4 laboratories. Rooms, intended for them corresponds to the sanitary and hygienic requirements, the amount of students,

contain the educational equipment and special furniture provided by the rules, they allow observing the safety rules for carrying out practical and laboratory works. Design of all pre-clinical practice cabinets is as close as possible to the future specialist's workplace.

College is provided with all informational resources and connected with broadband high-speed Internet access. Medical college has its own website [www.mksko.kz](http://www.mksko.kz). The website is awarded with the diploma of the first degree of the regional competition "The Best Website of the Educational Organization" in 2015 and 2016. There are 2 computer classes and a conference hall. Within the framework of teaching of general, professional and special disciplines 7 interactive boards are used. The study of normal and pathological anatomy in 2016 was equipped with 11 personal computers and "3D interactive medical application" Sanator ". In 2016 the program "Library business" was acquired, which allowed to automatize the library fund and to create an electronic library. In the conference hall there is a multimedia installation with a projector "EPSON". For qualitative training and the professional practice the list of 24 basic MO was approved by the order of 30.05.2014 № 197 by the North Kazakhstan region Department of Health .

## **2. GENERAL ASSESSMENT OF THE EDUCATIONAL ACTIVITY OF MSE on REA "NORTH KAZAKHSTAN MEDICAL COLLEGE"**

The report on a specialized self-assessment of MSE on REA "North Kazakhstan Medical College" is presented on 101 pages and contains 22 appendices of " Orthopedic stomatology"; and 109 pages with 22 appendixes of " Stomatology" according to the standards.

The submitted Reports reflect results of a self-assessment according to standards of specialized accreditation of medical colleges.

When carrying out a specialized self-assessment by college the commissions on a self-assessment were created, responsibility of members of the commission was defined, the plan for a self-assessment and the independent student's analysis was developed, working meetings of members of the commission with students and the specialists of the departments providing educational process were held and offers and recommendations about further improvement and development of college were discussed.

During the organizational meeting the visit program was appointed, members' responsibility of theEEC was distributed. A brief overview of the Report on institutional self-evaluation MSE on REA "North Kazakhstan medical College" identifies additional information that must be requested from the College for a full awareness of the members of the EEC to conduct of institutional accreditation. To obtain objective information on the assessment activities of the College the following methods were used: visual examination, observation, interviewing employees of different departments, teachers, students, alumni and employers, surveys of faculty and students. There are 271 people took part at these meetings. (see table 1).

Table 1 Data on staff and students who participated in the meetings withEEC of IAAR

The program of the visit of theEEC is fully implemented. From the staff of MSE on REA "North Kazakhstan medical College" the presence of all persons listed in the visiting program is ensured

During the visit members ofEEC interviewed the management, teachers and students, graduates and employers . In accordance with the program of the visit members of theEEC visited theoretical and practical classes.

In accordance with the accreditation there was on-line survey of 61 teachers and 169 students. The working conditions were created and access to all necessary information resources were provided. The Commission notes the high level of corporate ethics and assistance of staff in providing information to members ofEEC

Recommendations for improving the activities of the College, developed byEEC on the results of the examination were verbally presented during the meeting with the leadership of the 5th of May 2017.



### 3. DESCRIPTION OF THE VISIT OF EEC

Activities of EEC of 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 in MSE on REA "North Kazakhstan medical College" in the period from 03.05 until 05.05. 2017. The necessary materials were presented to the members of the EEC of the IAAR.

For the purpose of an assessment, specification and addition of contents of the submitted self-reports meetings with the director, deputy directors for studies, educational and methodical, educational and practical work, teaching and educational work, on economic work, the head of the test center, head of the center of practical skills, chief accountant, manager of SMK, inspector of the personnel Department, chairmen of CMC, teachers, representatives of employers, students, graduates have taken place.

Data on staff and students who participated in the meetings with EEC of the IAAR

Category of participants	Quantity
Director	1
Deputies Director	5
The chairmen of the CMC	5
Inspector of the personnel Department	1
The head of the library	1
Chief accountant	1
Teachers	61
Students	169
Graduates	25
Employers	2
<b>Bcero</b>	<b>271</b>

Work of the commission has been carried out with all categories of participants in work of college

For obtaining objective information on an assessment of educational programs members of EEC of the IAAR used such methods as: meetings, visits, conversations and interviewing of staff of various structural divisions, students, questioning of teachers and students.

In general, the actions planned within EEC of the IAAR visit promoted detailed acquaintance of experts with educational infrastructure of college, material resources, teachers, representatives of the organizations of employers, students, graduates. It has allowed members of EEC of the IAAR to carry out an independent assessment of compliance of the data stated in reports on a self-assessment of educational programs of college to criteria of standards of specialized accreditation.

During the work the EEC conducted the following activities:

1. visual inspection of infrastructure facilities of college: visit of studies, laboratories, center of practical skills, gym, reading room, medical room.
2. visiting of a practical classes:

"The technique of production of fixed prostheses" group D15-11 specialty " Stomatology"; Teacher: Burjakov D.V.

"The technique of production of claps dental prosthesis" group D.M. -15-11 specialty "Orthopedic stomatology". Teacher: Vermeshov G. Sh.

3. questioning of students and teachers;
4. meetings and interviews with students, employers.

For work of EEC comfortable conditions have been created, access to all necessary informative resources is organized.



The Commission notes the high level of corporate ethics and assistance of staff in providing information to members of EEC .

Recommendations for improving the activities of the College, developed by EEC on the results of the examination were verbally presented during the meeting with the leadership of the 5th of May 2017.

#### **4.COMPLIANCE TO STANDARDS OF SPECIALIZED ACCREDITATION**

##### ***STANDARD "MISSION AND ADMINISTRATION"***

###### **Mission of MSE on REA " North -Kazakhstan medical college"**

High-quality vocational training, based on a combination of classical traditions of medical schools and advanced educational technologies, highly qualified teaching staff, an uninterrupted process of training and professional development of health care specialists, competitive in Kazakhstan and international labor markets.

###### **Vision of MSE on REA "North Kazakhstan Medical College"**

to be a recognized leader in medical education, training competitive and demanded in the labor market specialists to ensure the unity of science, education and practice through the implementation of innovative technologies, preservation and multiplication of traditions.

System of management of the College formed in accordance with the laws "On education", "On science", State program of education development of Kazakhstan for 2011-2020 provides the implementation of the mission of the College. The current system of management is characterized by acceptance, control and implementation of administrative decisions: purposefulness, responsiveness, collegiality, transparency and effectiveness.

For discussion and introduction of remarks and specifications the developed project of the mission of College has been brought to the attention of the staff of college, students and other interested persons by means of the information brochures posted on the website of the college. The Process of a Self-assessment was carried out collectively, on the basis of the principles of publicity and transparency. The preliminary report on a self-assessment is heard at the Pedagogical council on the 28th of December 2016, the protocol №. 3. The report on a self-assessment is approved at the Pedagogical council on the 3d of February, 2017, the protocol №. 4

**Web site:** [www.mksko.kz](http://www.mksko.kz)

**Aim:** to train qualified specialists for the relevant healthcare branches, creating the necessary conditions for the acquisition of professional education aimed at the formation, development and professional development of person on the basis of national and universal values, the achievements of science and practice.

One of the fundamental principles of corporate management of the college is self-organization which includes understanding of the mission, the purposes and tasks of college in the teaching and student's environment by each department, service, division which have to plan the work, to implement all plans, to analyze a situation and to carry out improvement activities. By the principle of self-organization the manual of the quality, documentary procedures, the relevant regulations about primary activity of college, about the education in the medical college, about structural divisions, about additional functional duties are developed. Duty regulations on each employee are developed. In general, the mission of college corresponds to problems of development of the region, country, national system of technical and professional education.

The mission and strategic goals are periodically revised to reflect the standards of technical and professional, postsecondary education on medical and pharmaceutical specialties, the needs of society in health services.

For regular revision of the mission and strategy in the plan of implementation of requirements of SGS according to requirements and expectations of society certain mechanisms are used: director and administrative controls, questioning of teachers and students, questioning

of employers, control tests of chairmen of CMC, mutually control and carrying out of demonstrative lessons, internal audit.

**Strengths:**

-all kinds of activity on the accredited EP are carried out according to the mission and the strategy of the college;

- revision of the mission, goals and policies is carried out timely;

- information about the mission, goals and objectives of the medical College is available to all interested parties;

- participation of staff in discussion of the mission and goals was carried out in accordance with the available procedure providing an involvement of all interested parties as at a planning stage, and executions of the made decisions;

-the mission of the College meets the objectives of the development of the region, the country, the national system of technical and vocational education.

- formation of practical skills of students, taking into account the real needs of employers;

- the attractiveness of the technology of training.

**Weaknesses:** There are no weak positions.

**Recommendations:** to introduce a quality management system.

EEC notes that according to 7 criteria of this standard the college has strong positions.

### **STANDARD «EDUCATIONAL PROGRAMS»**

Educational activities of the specialty 0307000 "Orthopedic stomatology" with qualification 0307013 "Dental mechanic"; 0304000 "Stomatology" with qualification 0304023 "Dentist" is carried out in accordance with State General Standard of RK 4.05. 145-2010, MH and SD of RK № 661 of 29.07.2016 year and corresponds to the mission, vision and goals of MSE on REA "North -Kazakhstan medical college"

The structure of the educational program defines disciplines and types of study of students.

The educational program reflects modern scientific achievements in the field of public health in improving the quality of delivery of medical care for the population according to the directions of the State Program Health Development of the Republic of Kazakhstan "Денсаулық" for 2016-2020, and Concept of development of quality of education, standards of the organization of educational process, the necessary competences of specialists corresponding to the level of this qualification are considered, and use of technologies of modular training is provided. The educational program is developed according to the theoretical and practice orientated requirements to basic and professional competences. Educational process is focused on future practical activity of specialists in these specialties by means of integration of cross-disciplinary communications of general, professional and special disciplines.

To respect the professions students have chosen there is a constant work on motivational, emotional and volitional students' environment. Favorable conditions for the acquisition of student's professional interest are provided by using methods of cognitive activities (seminars, workshops, lectures etc.); creations of situations on the basis of critical thinking with use of multipurpose phantoms and the technical equipment; formations of the emotions of success in training implementing confidence; Independent work of students in the College is carried out as in-class independent work performed in the classroom under the direct supervision of a teacher at the College and on the teaching hospitals.

There are 2 bilateral contracts for carrying out educational, industrial and professional practice and the professional practice between college and MO are signed.

Educational program(EP) is developed in accordance with the mission, strategic aims, students expected results and interests and requirements of society. EP on these specialties shows a sequence of objectives, structure and content of programs, policy and procedures for the students' admission; methods of learning and teaching, quality of learning and students' achievements and also adequacy of resources to support and enhance educational programs.

The contents and form of the EP, the decisions, which are taken by the head to educational program, needs to be in accordance with the medical college strategic documents: the law of RK of July 27, 2007 №319-III "On education" ( with changes and additions on 13.01.2015), the order of MES of RK of August 18, 2009 of №. 388 "About approval of methodical recommendations on development of state educational standards, educational programs, model curricula of general and specific disciplines and professional practice in the specialties of technical and vocational education", the order of MES of RK of December 21 2007 №644 "Standard rules of methodical (educational and methodical, scientific and methodical) council activities", the order of MES of RK of October 24 2007 №506 "On approval of standard rules of pedagogical council activities of technical and vocational education, post-secondary education organizations " (on a state on 12.12.2015).

The volume of classroom occupations doesn't exceed on average 36 hours a week, at the general load of the student – 54 hours a week, including all types of out-of-class work. Distribution of classroom hours to theoretical classes and practical classes is carried out taking into account the status of disciplines and belonging to a certain cycle. The curriculum reflects the sequence of disciplines of a professional and special cycle, taking into account system of assimilation of knowledge, existence of intersubject communications, also is defined by logic of preparatory process to perception, assimilation, deepening and a specification of special knowledge.

Educational practice of college uses innovative methods of training: automated system of testing of educational process (ASTEP); modular and block system of education.

Teachers of the college apply different types of control: introduction, current, intermediate, final. Control methods: oral, written, programmed. Situational tasks, test tasks of different levels of difficulties, crossword puzzles, etc. are developed. Electronic base of test tasks approved and implemented by teachers is created. In due time schedules of midterm and state exams are formed which are approved by the deputy director for studies. Educational and program documentation (the working curriculum, working training programs), are developed according to requirements of SGS 2010, 2016 years. Educational and program documentation corresponds to the purpose and contents of the educational program for achievement of the expected results of training.

***Strengths:***

- educational and program documentation: the curriculum model, standard, working curricula and programs, individual curricula answer the purpose, contents of the educational program for achievement of the expected results of training;

-for realization of the purposes of educational programs the educational institution developed material and technical resources;

-the medical college guarantees that students acquire sufficient knowledge and clinical professional skills to have an opportunity to give help to patients with various pathological states;

-conditions for increasing of educational and intellectual level of students (library fond, circles and clubs, out-of-class actions).

-existence of successful experience of the international cooperation in educational and research activity.

-the college has installed a component of specialization in a profile, taking into account disciplines to the corresponding priority directions of health care, national and regional requirements

***Weaknesses:***

- insufficient quantity of teachers with degree;

- lack of the joint international educational programs.

***Recommendations:***

to improve work on getting degrees by teachers on these specialties.

***EEC notes that according to 9 criteria of the standard, the College has strong positions.***

### **STANDARD "TEACHERS AND EFFICIENCY OF TEACHING"**

Within the educational program in college the plan of the students' assessment is realized in which the fact of graduates' achievement of the expected results of training is established and efficiency of the program is estimated.

Monitoring of students' quality of knowledge of groups, specialties and courses is carried out at the end of each semester, 2 times for academic year. The analysis of results of final state certification is carried out by the chairman of the qualification commission appointed from among employers and representatives of practical health care. Results are listened at the Pedagogical council, the correcting actions are planned.

#### **Results of a complex state exam in the specialty 0307000 " Orthopedic stomatology", qualification 0307013 "Dental mechanic".**

Academic year	Number of graduates		From them have passed examination on					Progress %	Quality of knowledge %	Have gained the honors degree
	Total	Budget	«5»	«4-5»	«3,4,5»	«3»	«2»			
2012-2013	0									
2013-2014	22		10	9		3		100	86,3	2
2014-2015	0									
2015-2016	24	-	4	10		10		100	58,3	2

Analysis of the final state certification shows a decrease in the quality of knowledge that due to the low level of basic school training.

#### **Results of a complex state exam in the specialty 0304000 "Stomatology", qualification 0347023 "Dentist".**

Academic year	Number of students		From them have passed examination on					progress	Quality of knowledge	Have gained the honors degree
	Total	Budget	«5»	«4-5»	«3,4,5»	«3»	«2»			
2012-2013	30	-	12	9		9		100	70	
2013-2014	31	-	18	9		4		100	77,7	2
2014-2015	29	-	24	5				100	100	7
2015-2016	0	-	-	-	-	-	-	-	-	-

The analysis of the final state certification shows the improvement of the quality of knowledge and the stability of the results of academic achievements that also compliance of the main indicators of educational activity to qualification requirements of the specialty "Stomatology".

The structural division of the North Kazakhstan Medical College, engaged in the employment of graduates, is the department of practical training, headed by the deputy director for training and production work and the heads of the departments. Employment of graduates is carried out according to the applications of medical organizations of the North-Kazakhstan region and the information of the Health Department of the Akimat of the North-Kazakhstan region on the availability of vacancies for mid-level medical workers. The college is a subject of two markets: education market and labor market of specialists the work of which is closely interconnected.

The analysis of the labor market indicates the demand for graduates of the specialty "Stomatology" and "Orthopedic stomatology", which defines the plan of set of entrants with full compensation of tuition.

The plan of graduates' employment includes in following measures:

1. Systematization of vacant positions of the medical organizations of Petropavlovsk and the North Kazakhstan region;
2. Conclusion of contracts with the medical organizations of Petropavlovsk and North Kazakhstan region;
3. Carrying out distribution of graduates;
4. Monitoring of graduates' employment.

Information allowing students to get acquainted with the available vacancies is provided for graduates of the college on the website and at the stand. Information at the stand is constantly updated.

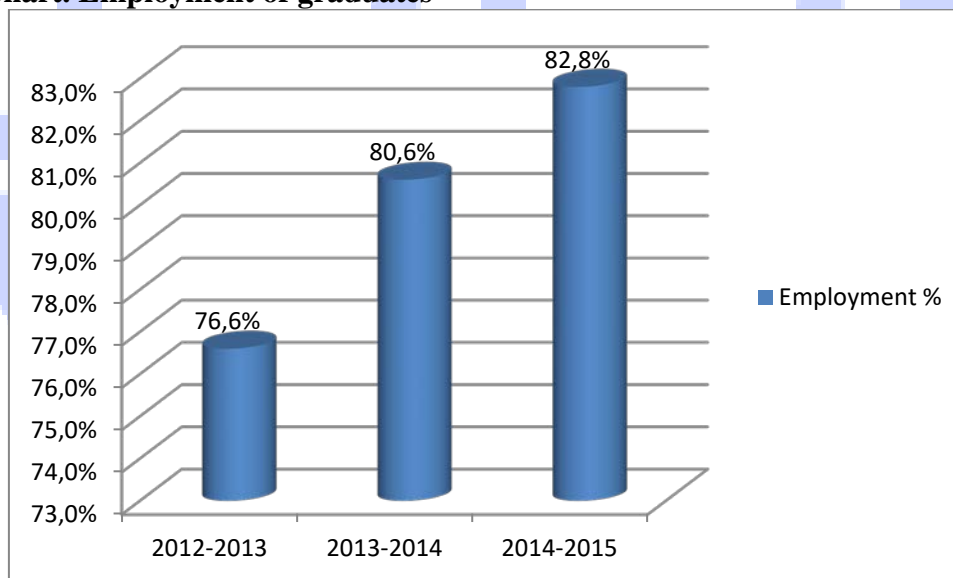
Distribution of graduates is carried out in the presence of heads of the medical organizations of the North Kazakhstan region of Petropavlovsk.

**Monitoring of arrival of graduates of the specialty 0307000 "Orthopedic stomatology", qualification 0307013 "Dental mechanic" to the place of employment.**

Academic year	Number of graduates			Number of employed .			Employment %
	Total	Grant	On a paid basis	Total	Grant	On a paid basis	
2012/2013	0		-			-	-
2013/2014	22		22			18	81,8%
2014/2015	0		-			-	-
2015-2016	24		24			19	79%

The analysis of employment of graduates of 2016 shows that from 24 graduates 5 students aren't employed. Reasons: 1 student left outside the country, 1 student have continued training in HIGHER EDUCATION INSTITUTIONS and colleges, 3 students wer called on military service.

**Chart. Employment of graduates**



The analysis of employment of graduates of 2015 shows that from 29 graduates - 24 graduates are employed. Reasons: 1 student left outside the country, 1 student have continued training in HIGHER EDUCATION INSTITUTIONS and colleges, 3 students were called on military service.

Cumulative data of reports on the specialty "Stomatology" confirm the expected results

Internal audits are held by the deputy directors for EPW, EW, EW, the methodologist, and also the teachers having work experience. The system of monitoring of the educational program includes definition of degree of satisfaction with quality of training at students and employers.

**Strengths:**



- existence of the internal normative documents defining and regulating the main policy in educational process;
- there is a positive experience of creative groups of teachers on topical issues of educational process;
- implementation of modern educational, informative and communicative technologies of training;
- annual participation of teachers in competitions of professional skills;
- the publication of the teachers' experience in periodicals.

**Weaknesses:**

insufficient use of innovative technologies by teachers;

**Recommendations:**

Methodical department should improve the work on using of innovative technologies.

***ECE notes that that according to 6 criteria of this standard the College has strong positions, by 1 criterion assumes improvements***

### **STANDARD "TEACHERS AND EFFICIENCY OF TEACHING"**

The teaching staff of the medical college conforms to qualification requirements and specifics of educational program. Requirements imposed to teachers' qualification for employment in the medical college are regulated by the Order of the Minister of Education and Science of the Republic of Kazakhstan of July 13, 2009 №. 338 (with changes and additions as of 20.07.2016) "About approval of Standard qualification characteristics of positions of pedagogical workers and the persons equated to them".

Personnel policy of college on hiring and selection of teachers is aimed at providing educational process by the competent staff, performing their activities on the basis of the corresponding education, preparation, skills and experience. The requirements to knowledge, education, skills and the worker's experience for each position and a profession are defined in duty regulations of personnel providing high-quality performance of the established duties.

Activity for personnel management, influencing the quality of educational process in college, include: preparation of a pedagogical personnel of the top skills; management of pedagogical workers and other types of workers, namely: employment, elections of the heads of the departments, assessment of conformity of the teacher of required qualification, acceptance and handling of sheets of temporary disability, conducting of check of labor discipline, dismissal, advanced trainings of teachers by participation in competitions, in work of scientific and methodical seminars and conferences.

The permanent teachers have a special vocational education and some of them have a work experience in dental organizations.

Information about teachers is posted on the website of college in sections of "Administration", "Our Teachers". These sections contain data on subject matters, teachers of CMC. Besides, information on vacant positions is posted on the website.

Teachers providing implementation of the program of the specialty "Orthopedic stomatology" are presented by specialists of the profile fields of knowledge covered by the educational program.

The quantitative and qualification list of teachers corresponds to this educational program. Educational process in "Orthopedic stomatology" is carried out by 15 teachers, including 15 – permanent teachers (100%), having basic education. There are 4(26,6%) permanent teachers with the highest category and there are 2 (13,3%) teachers with the first category

Educational process in the specialty "Stomatology" is carried out by 23 teachers, including 22 (95,6%) permanent teachers, having basic education. There are 7 (30 %) permanent teachers with the highest category and 4 (17%) teachers with the first category.

The deputy director for the EPP is responsible for the organization of practice. Before the beginning of PP and EPP students have some instructions with the participation with the Methodists of the college and the general heads from MO. At the teaching hospitals general



principals are appointed in accordance to the contacts about social partnership (the chief physician, the deputy of chief physician, main or the senior nurse, the obstetrics ) who is responsible for practice.

There are 3 teachers with the highest stomatological education, 2 teachers with specialized secondary medical (the highest pedagogical), 1 teacher is a training officer.

Practical training of students is carried out accordance to the mission, the purposes and the expected results of EP and is implemented on the basis of the order of The Minister of Health of the Republic of Kazakhstan of September 17, 2012 №. 628 "About the adoption of the Provision on teaching hospitals of the medical organizations of education", "Provisions on the organization and carrying out professional practice of the studying medical colleges", approved by the director of the Department of development of science and human resources of MH of November 16, 2012, made in accordance to requirements of SGS for secondary and pharmaceutical education, on the basis of the order of the Ministry of Education and Science of the Republic of Kazakhstan of August 18, 2009 №. 388 "About the approval of methodical recommendations about development of the state obligatory standards, educational programs, standard educational programs of all-professional and special disciplines and professional practice on specialties of technical and professional education".

The deputy director for the EPP is responsibility for the organization of practice. Before the beginning of PP and EPP students have some instructions. At the teaching hospitals general principals are appointed in accordance to the contacts about social partnership (the chief physician, the deputy of chief physician, main or the senior nurse, the obstetrics ) who is responsible for practice. During the practice direct heads (heads of the departments ) are appointed according to the order on MO are responsible for quality of level of professional competences.

The methodical manager is appointed from among the leading teachers of the corresponding special disciplines. He provides practical training, controls implementation of the program of practice, distributes on working places and checks registration and reporting documentation, together with the general and direct heads estimates results of implementation of the program of practice, carrying out certification of practical skills of students. Heads of the practice control the assimilation of the students' professional skills. At the end of practice students provide the diaries, reports, characteristics certified by MO.

The used mechanism gives the chance to carry out implementation of an academic load in full volume effectively.

The number of permanent teachers are sufficient to guarantee that results of training of students and results of the educational program will be achieved. There are 2 teachers with the highest stomatological education, 2 teachers with specialized secondary medical (the highest pedagogical), 1 teacher is a training officer.

In college there is a work on monitoring of teachers activity is conducted, and also the administration of college has created methods and criteria of a systematic assessment of their competence. The quality assessment of teachers activity is developed. Individual planning of teachers activity is a way of the staff organization and functioning. The purpose of interrelation of organizational and methodical, research and methodical work is development and self-development of teachers professional skills. At the beginning of academic year schedules of mutually visits of studies are formed, open educational and out-of-class occupations, methodical manuals are planned. Within academic year teachers carry out self-checking.

At the of end of academic year each teacher reports on implementation of the plan of educational and methodical work. All reports of teachers are discussed at meetings of the cyclic methodical commission and estimated. At the same time the main criterion for an assessment of teacher' methodical work is — compliance of the performed works to the planned actions for volume and quality. The conclusion about teacher's work is fixed in the CMC protocols, pedagogical and methodical meetings.

The innovative educational projects which are important for development of college we can carry: software installation "Library science", installation of system of video surveillance and the Internet, the organization of educational process using IT - technologies; the equipment of multimedia classes for carrying out studies, seminars, conferences with a possibility of the mode of teleconferences; system of training of teachers in the field of information technologies (holding the training seminars for development of techniques of holding lectures and a practical training with use of multimedia means, the organization of competitions among teachers of college).

Students and teachers of college have a free access to the remote foreign electronic and library system (ELS) of the publishing GEOTAR-media group which is the leading publishing house of professional medical literature "The student's consultant. Electronic library of medical college"

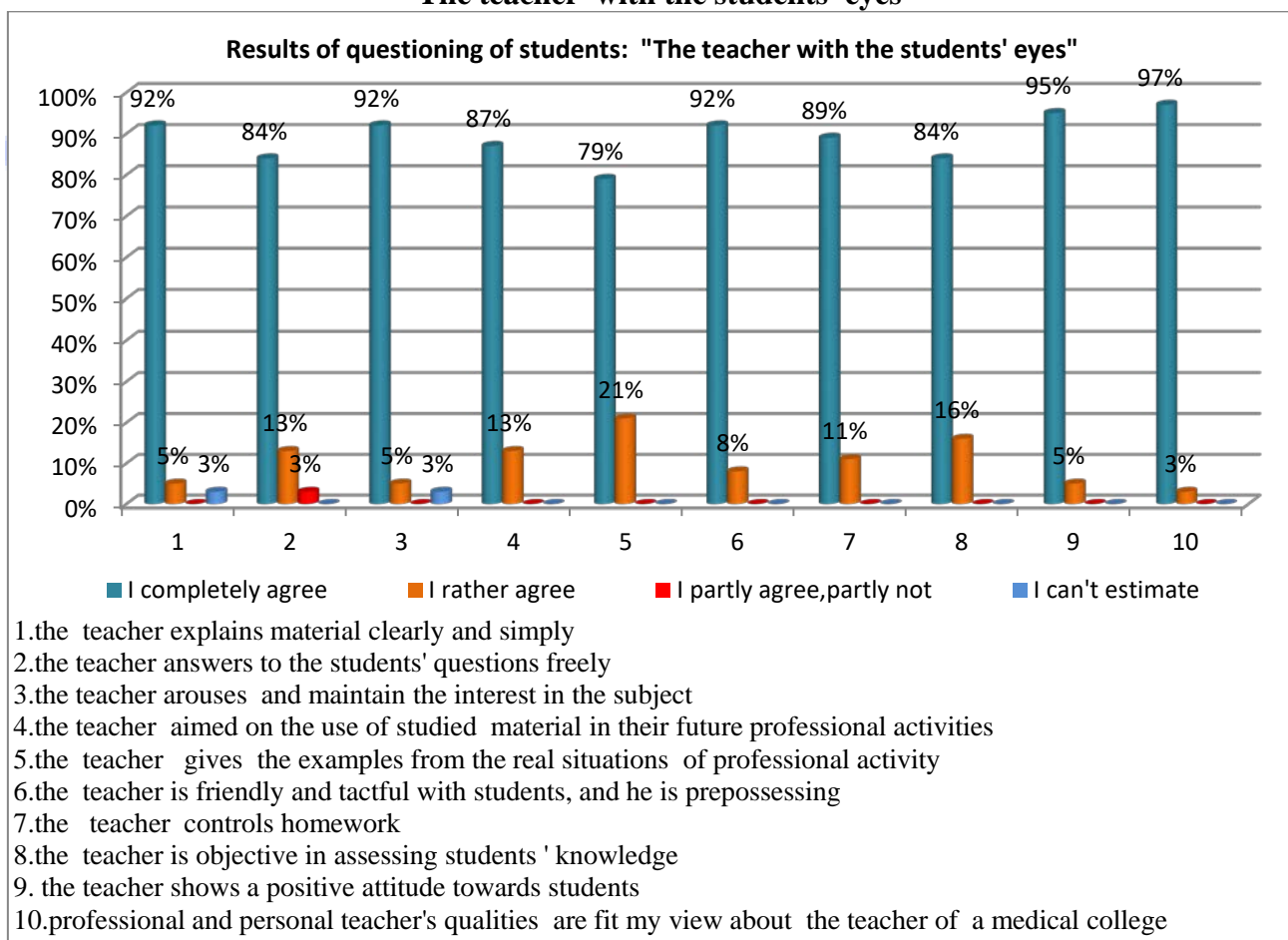
The electronic bank of test tasks for the students' current, midterm, final certification of all specialties is created and is annually updated. It provides realization of a mission of college - the quality professional education based on a combination of classical traditions of medical school and modern educational technologies of training of the competitive specialists demanded in the Kazakhstan and international labor markets.

There is a catalogue of teachers' publications.

Total: The I place – 3; The II place – 1; The III place –1.

Evaluation of the effectiveness of the quality of teaching is carried out through open classes, mutual attendance of classes, master classes, competitions, seminars, conferences, questionnaire "Teacher with the students' eyes." For implementation of feedback the questioning among students of college is practiced. There are 30 students took part in the questioning "Teacher with the students' eyes."

**Chart . Results of questioning of students:  
"The teacher with the students' eyes"**



Complex assessment of efficiency of quality of teaching is systematically carried out, monitoring of activity of the staff is carried out, competence of the teacher is estimated. Forms, methods and evaluation criteria are led up to teachers by means of at CMC meetings, methodical and faculty meetings, information stands, and the website of college.

On each discipline of the curriculum in the specialty 0304000 "Stomatology" and "Orthopedic stomatology" according to SGS, WP an educational and methodical complex of discipline (EMC) is developed which is considered and discussed at meetings of CMC and Methodical council.

The system of individual plans and reports which are base for drawing up and updating of plans and reports of CMC and the work of the college are monitoring of activity of the staff. Each teacher develops the individual plan for scientific and methodical work. The teacher submits the developed individual plan for a meeting of the cyclic (subject) methodical commission for discussion, coordination and the approval by the chairman of CMC.

At the beginning of academic year schedules of mutually visits of lessons are formed, open lessons and extracurricular activities, methodical manuals are planned. Teachers participate in development of technological standards in the specialty, in competitions, seminars, the international, republican and regional scientific and practical conferences, master classes. Important aspect of professional activity of teachers is the organization of educational and research work of students which promotes development of creative thinking of students.

Criteria of a systematic assessment of competence of teachers for the last three years are the following results: it is published in periodicals: regional, republican, international specialized magazines and collections 3 articles including scientific articles; participation in competitions – 8, from them Republic competitions - 4, International-1, Regional -4 .Prize-winning places got 5 teachers : the I -place 3; the II -place 1; the III -place 1. Thus, the systematic assessment of efficiency of quality of teaching and monitoring of activity allow to receive and analyze in due time performance by teachers of all types of the planned loading.

**Conclusion:**

**Strengths:**

- activity of teaching staff fully answers the mission, the purpose and tasks of the college;
- teachers conform to qualification of requirements;
- compliance of basic education of teachers to a profile of specialty and the taught disciplines;
- high degree of students' satisfaction with quality of work of teachers.

**Weaknesses:**

- insufficiency of proposals for the passage of the distance learning courses of improvement of qualification and training without discontinuing work.
- There is an absence of payment of teachers' qualitative categories in the TPE organizations.

***ECE notes that according to 9 criteria of the standard, the College has strong positions, by 1 criterion assumes improvements***

***STANDARD "STUDENTS"***

Dynamics of movement of the contingent in the context of the EP is the following:

**The number of students in accredited educational program with a degree 0307000 "Orthopedic stomatology", qualification 0307013 "Dental mechanic".**

	The first year students	The second year students	The third year students	The forth year students
Number of students	20		22	
Students - citizens of Kazakhstan	20		22	

International/foreign students	-	-	1	
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**The number of students in accredited educational program with a degree 0304000  
"Stomatology", 0304023 qualification "Dentist"**

Number of students	The first year students	The second year students	The third year students	The forth year students
Students - citizens of Kazakhstan	27	0	30	24
International/foreign students	-	-	-	1

Keeping of the contingent is linked with the strategy of college. As a result of monitoring of the reasons of elimination the following significant reasons have been established: discrepancy of level of educational skills of students and their general competences to qualifying standards of the training program, low level of professional and educational motivation, insufficiently developed of emotional strong-willed personal qualities which are necessary for achievement of success in educational activity and overcoming difficulties in training, insufficient control from parents and their disinterest, lack of control of attendance and academic progress of the children, insufficiently differentiated pedagogical approach to training and control of knowledge of students and incorrect choice of profession by students.

Proceeding from it, work on preservation of the contingent on EP is carried out in 3 directions:

1. Work with potential applicants;
2. Work with groups of a new set;
3. Work with students of 1-3 courses.

In these directions work on increase in motivation to training, development of skills of educational activity, career guidance on the chosen specialty is carried out.

Students who take an active part in the life of the college are awarded with Certificates of Honor and Thanksgiving Letters.

There are activities in the following areas: the development of intellectual culture, physical education and the formation of a health-saving environment, a healthy lifestyle, aesthetic education, spiritual and moral education, civil-patriotic, legal and multicultural education.

To support students in the college staff there are such units as psychologist, social educator, youth inspector who provides support to students. For self-expression of students and the introduction of healthy lifestyle norms, sports clubs and subject circles operate on the basis of the college, various events are held. The telephone hotline for the confidential address of students functions. In the college there are mechanisms for an assessment of activity of students' support service by means of work of student's self-government.

Studies and laboratories of the specialties "Stomatology" and "Orthopedic stomatology" provided by the existing curricula are organized and function.

The college creates to students the conditions which are necessary for effective development of the educational program according to the students' interests and requirements, providing with appropriate resources.

Students are the part of the students' self-government which is a working, collegial advisory body by means of which they take part in discussion of the current questions of the organization of training and education.

The North Kazakhstan medical college and social partners annually carries out monitoring of quality of training of graduates of specialty "Orthopedic stomatology" which purpose is detection of readiness of each graduate for professional activity. At the beginning of academic year the plan for assistance in employment of graduates is formed. Monitoring of employment of graduates is carried out by the deputy director for EPW, heads of the departments, curators of groups through SCPP, personnel department of MO (main and senior nurses). There is a "A

list of arrival confirmation" was developed which gives the chance to fix arrival of graduates on places of employment.

**Graduates' employment in a section of 4 years in specialty "Orthopedic stomatology", qualification " Dental mechanic"**

Academic year	Number of graduates			Number of employed .			Employment %
	Total	Grant	On a paid basis	Total	Grant	On a paid basis	
2012/2013	-		-			-	-
2013/2014	22		22			18	81,8%
2014/2015	-		-			-	-
2015-2016	24		24			19	79%

The analysis of employment of graduates of 2016 shows what from 24 graduates 5 students aren't employed. Reasons: 1 student left outside the country, 1 student had continued training in HIGHER EDUCATION INSTITUTIONS and colleges, 3 students were called on military service.

**Graduates' employment in a section of 4 years in specialty «Stomatology", qualification " Dentist"**

Academic year	Number of graduates			Number of employed .			Employment %
	Total	Grant	On a paid basis	Total	Grant	On a paid basis	
2012/2013	30	-	30	23	-	23	76,6%
2013/2014	31	-	31	25	-	25	80,6%
2014/2015	29	-	29	24	-	24	82,8%
2015-2016	-	-	-	-	-	-	-
Итого:	90	0	90	72	0	72	80%

The analysis of employment of graduates of 2015 shows what from 29 graduates 5 students aren't employed. Reasons: 1 student left outside the country, 1 student had continued training in HIGHER EDUCATION INSTITUTIONS and colleges, 3 students were called on military service.

Cumulative data of reports in specialty 0304000 "Stomatology " confirm the expected results. Actions for assistance in graduates' employment are carried out in accordance to the plan, distribution of graduates is annually carried out, records on employment are kept, the reporting is provided. There is a work on communication with graduates out in districts, visit city medical organizations, questioning and an interview with employers and graduates are carried.

Graduates' employment is carried out in private dental clinics of the city and region.

There is a mechanism of monitoring of students' satisfaction with activity of the medical organization of education is organized. Educational department is responsible for maintenance of the constant relations with students and for collection of information about their satisfaction. Indicators of satisfaction and the methodology of an assessment of students' satisfaction are developed. There are questions for questioning on the items of students' satisfaction with educational process, work of library, gym, the dining room and medical aid station were developed by the psychologist of college, together with the social teacher. Questioning of students on this subject is annually carried out. These questioning allow to have information on students' satisfaction with process of activity of college. Information on results of questioning is



carried to teachers and employees at the faculty meetings and the meetings of curators. Individual and group consultations were held with students who had difficulties connected with training. The college achieves goals on degree of students' satisfaction with educational process.

***Srengthths:***

- the college is the only medical organization in the sphere of educational activity in the region;
- existence of modern educational, methodical material, stable financial resources;
- there is a program of student support directed to the social, financial and personal aspects of support for students;
- confidentiality concerning service of students' consultation is provided;
- the system of monitoring of employment and professional activity of graduates is developed and works;
- strengthening the role of the Board of Trustees of the College in the organization of professional training of students, attraction of leading MO of the region to conduct students professional practice and assistance in graduates' employment.

***Weaknesses:***

- absence of a hostel;
- insufficient activity of certain students in receiving additional services: additional classes, consultations.

***Recommendations:***

to apply about allocations of financial resources for the construction of a dormitory.

***EEC notes that according to 7 criteria of this standard the College has strong positions and according to 1 standard satisfactory.***

## ***STANDARD "EDUCATIONAL RESOURCES***

The North Kazakhstan Medical College has modern educational resources that provide the conditions necessary to provide qualitative educational services that are used to achieve the mission of the college and its strategic goals.

The college is located in the 4-floors building consisting of 2 buildings with a total area of 4421sq. m, by a covered way. The training area is 2289.02 sq.m.. There are studies of the structural departments and the assembly hall with 135 seats in the administrative part of the building

Classes in physical culture and sanitation measures take place in the standard gym, in the gym equipped with modern exercise machines. There is a skiing lodge, a locker room, shower. In the territory of college there is a football field.

The canteen of the college is equipped for 120 seats. Students are provided with hot meals. Catering is regularly monitored by the college medical worker.

The medical center is located on the first floor with a separate entrance and consists of a treatment room, a procedural room, an inoculative room, a room of reception of outpatients. Students' medical servicing is carried out on registration to the PNCI «Денсаулық».

There is no hostel in the college. In 2015, a resolution was signed by the head of the region on allocating land for the construction of a hostel for students. Students of another towns live in the rented apartments or other educational institutions hostels of the city.

There are 74 educational computers from which 63 are equipped with access to the network the Internet. It is provided with information resources and connected to broadband high speed access in the Internet. The number of students on one computer makes 16 people. There are 7 interactive boards are used within the bounds of teaching of general, professional and special disciplines. On the basis of the medical college operates its own website [www.mksko.kz](http://www.mksko.kz), developed by the information technology center of the college and awarded first-degree diplomas in 2015 and 2016. To help students for self-preparation, there are a library with 3 computers and a reading room with 28 computers, access to the Internet, electronic library of



medical college, electronic textbooks, animation discs for medicine, there is also a MFDs (3 in 1: printer/copier/scanner). In college there is a video monitoring system for the educational process, a centralized system for sound notification.

The educational base on the specialty " Orthopedic Stomatology" is presented by 1 educational study and 2 laboratories. The rooms for studies and laboratories corresponds to sanitary and hygienic requirements, the number of the students who are engaged in them, contain the educational equipment and special furniture, allow to follow safety conditions when carrying out practical and laboratory works. All studies of preclinical practice are most approximately to a workplace of future specialist.

Equipment of studies and laboratories is carried out according to "The sheet and norms of resources of studies and laboratories of secondary medical and pharmaceutical education", "The provision on a study". Equipment of all studies is 88,6%. There is a 3-band board, cases with posters and visual aids. The laboratory of dental discipline disciplines is equipped with 12 seats, a mobile board, posters, models, two dental chairs, the bactericidal shelf for storage of tools, polymerization lamp, a skayler, stomatological tools and materials for carrying out practical training.

The laboratory of dental surgery disciplines is equipped with 12 seats, there is a soldering device, Samson's device, the press, the vibrating little table, grinding motors, clasp frame, cuvette, anvils, electric pallet, tools and materials for carrying out a practical training.

The educational base of the college in specialty " Stomatology " is represented by 19 study rooms and 2 laboratories. The rooms for studies and laboratories corresponds to sanitary and hygienic requirements, the number of the students who are engaged in them, contain the educational equipment and special furniture, allow to follow safety conditions when carrying out practical and laboratory works. All studies of preclinical practice are most approximately to a workplace of future specialist. Equipment of studies and laboratories is carried out according to "The sheet and norms of resources of studies and laboratories of secondary medical and pharmaceutical education", "The provision on a study". Equipment of all studies is 87,7%. There are 23 teachers carry out training of students in the specialty of "Stomatology" from them 22 permanent teachers that makes 96%. 7 teachers have degree of the master, 7 teachers have the highest category, the first category have 4 teachers, 4 teachers have the second category.

It is planned to purchase multimedia equipment for classrooms, simulation phantoms and models for the dental laboratory.

Monitoring of equipment is carried out by the head of the department of quality control on the basis of "The sheet and norms of resources of studies and laboratories of secondary medical and pharmaceutical education". Annually heads of the departments and laboratories provide applications for acquisition of the necessary equipment, an expendable material, furniture, for carrying out of repair of rooms as required. The material and technical resources of college meet sanitary and hygienic standards and requirements of fire safety. Training of students on these specialties is carried out by teachers of appropriate level of qualification.

Material and a manpower of the College provide the conditions necessary to provide qualitative educational services.

Analysis of available resources (financial, information, personnel, material-technical base) is held annually and is reflected in the annual report for the College. The quantity and quality of available premises, equipment corresponds to the implemented educational program and sanitary standards. For example, the adequacy of the studies at the beginning of the academic year is defined taking into account the number of students.

Educational resources and other students' support systems are free to access and meet their needs. In the educational process of the college there are two computer classes with the modern computer equipment are involved

The equipment and registration of educational studies in the specialty is brought closer to conditions of the medical organizations.

The information technology center is organized on the basis of the college. There is a working site ([www.mksko.kz](http://www.mksko.kz)) with the necessary sections: guide for applicants and students, the schedule of theoretical and practical training, announcements, results of activity of the departments, legal documentation, information about current activities of the organization, government services, photo gallery, useful links to other resources, news. On the website you can find the blog of the Director of the College, which gives the possibility of feedback. The website of the college has the 1st place in the region since 2015.

The content of the library is fit to the educational programs. The participants of the educational process have access to educational, methodological literature, computer software. The College is provided with informative resources and is connected to high-speed broadband access to the Internet.

The budgetary and material resources are enough for achievement of the mission, the purposes and the expected results.

To update and strengthen the material-technical base and to ensure their compliance with modern technologies in learning the necessary funds have consistently been allocated.

The library Fund of the College fully complies with the requirements and contributes to the achievement of the mission of the College and its goals. The content of the library is fit to the educational programs. The participants of the educational process have access to educational, methodological literature, computer software. The College is provided with informative resources and is connected to high-speed broadband access to the Internet. There are 3 computer classes having high-speed access to the Internet. The fund of the library was 33930 copies.

Total book provision per student in specialty "Orthopedic stomatology" is - 14,1; in specialty "Stomatology" is 44.7. Library account is maintained through the "Library business" program.

In the educational process and in the work of the library are widely used universal software packages Internet phone 2mb/s, operating system Windows XP, Windows 7, Antivirus programs EsetSmartSecurity. College resources are sufficient in volume, level, variety and quantity to support the EP, as well as the intellectual and cultural development of students, teachers and staff.

Logistic support which the college has for clinical and practical training of students in the MO corresponds to the program of these specialties. MO bases, the contingent and a profile of patients conforms to requirements of specifics of the studied discipline. The medical college provides acquisition by students of adequate clinical experience and has necessary resources for practical training, includes enough categories of patients and teaching hospitals for practical training.

A social partner of these specialties are the only state medical prophylactic organization in the region for this work profile MSE on REA "Regional Children's stomatological polyclinic" of akimat of NKR HD NKR, there is a contract with the private dental clinic "Yudi-dent" the director is Redkina Yu.. There is an equipped educational room.

At the conclusion of contracts on social partnership with medical organizations on the basis of which professional and educational practices are held the presence of software and necessary material and technical resources is defined by the deputy director for professional practice and the head of department of quality control. Daily control of extent of implementation of requirements imposed by the working program of EPP and PP is carried out by the Methodist.

***Strengths:***

- the material and technical base corresponds to the requirements of the SGS of the RK;
- the presence of modern interactive equipment with appropriate software ;
- the presence of a modern library and reading room with the necessary electronic resources;
- the teaching staff meets the requirements of qualification.

***Weaknesses:***

- There is absence of the hospital;
- insufficient number of electronic textbooks.

**Recommendations:**

to improve the work on creation of electronic textbooks.

***ECE notes that according to 9 criteria of the standard the College has strong positions, by 1 criterion it is satisfactory, by one criterion assumes improvement.***



## SPECIALIZED PROFILE PARAMETERS

No.	Criteria for assessment	Position of the education institution			
		Strong	Satisfactory	Assumes improvement	Unsatisfactory
<b>Standard – MISSION AND MANAGEMENT</b>					
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.	+			
<b>TOTAL</b>		7			
<b>Standard – EDUCATIONAL PROGRAM</b>					
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.	+			
<b>TOTAL</b>		9			
<b>Standard – EFFICIENCY OF THE EDUCATIONAL PROGRAM</b>					
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.				
<b>TOTAL</b>		6		1	
<b>Standard – TEACHERS AND EFFECTIVE TEACHING</b>					
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.	+			
<b>TOTAL</b>		10			
<b>Standard – STUDENTS</b>					
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.	+			
<b>TOTAL</b>		7	1		
<b>Standard - EDUCATIONAL RESOURCES</b>					
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.				
<b>TOTAL</b>	<b>9</b>	<b>1</b>	<b>1</b>	
<b>GRAND TOTAL</b>	<b>48</b>	<b>2</b>	<b>2</b>	

