

REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL PROGRAMME IN
THE SPECIALTY 0305000 "LABORATORY DIAGNOSTICS" QUALIFICATION 0305013
"MEDICAL LABORATORY ASSISTANT" OF WEST KAZAKHSTAN HIGHER MEDICAL
COLLEGE LLP FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS OF
EDUCATIONAL PROGRAMMES IN MEDICAL AND PHARMACEUTICAL SPECIALTIES
OF TECHNICAL AND VOCATIONAL EDUCATION

period of external expert evaluation: from 7 to 9 April 2021

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 8 dated March 11, 2021, an External Expert Commission was formed to conduct external evaluation procedures within the framework of institutional and specialized accreditation from April 07 to April 09, 2021 of LLP "West Kazakhstan Higher Medical College" (hereinafter referred to as the college) in the following composition:



Chairperson of the External Expert Commission

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The work of the EEC was carried out in accordance with the Regulations on the EEC (Order of the ECAQA Director General No. 4 dated February 13, 2017).

The EEC report contains an assessment of the educational programme of the specialty 0305000 "Laboratory diagnostics" qualification 0305013 "Medical laboratory assistant" for compliance with the accreditation standards of educational programmes in medical and pharmaceutical specialties of technical and vocational education (hereinafter - the Accreditation Standards), recommendations of the EEC for further improving the educational programme.

2. General part of the final report of the EEC

2.1 Presentation of LLP "West Kazakhstan Higher Medical College" and the educational programme

West Kazakhstan Higher Medical College is one of the oldest educational institutions in the country. The history of the West Kazakhstan Medical College begins in 1916. At the end of 1916, the newspaper "Uralskiy Listok" published an announcement: "Zemskaya feldsher-obstetric school opens in the city of Uralsk on November 1, 1916, the course of training for feldshers - 3 years, for feldshers-obstetricians - 4 years. Scholarships are awarded for the best students".

On the instructions of the All-Russian Central Executive Committee on May 14, 1923, the Ural Feldsher-Obstetric School was transferred to the city of Orenburg, where it remained until 1929 and received the name of the "Kazakh Regional Medical College".

In 1929, the medical college was again transferred to the city of Uralsk.

Since 1954, the name of the paramedic and obstetric school has changed again, it was renamed into a medical school. This name survived until June 14, 1996. Since 1996, this educational institution has been called the "West Kazakhstan Medical College".

For more than a century of its existence, the educational institution has trained and graduated more than 23,000 mid-level medical workers in the following specialties: dentists, paramedics, midwives, children's nurses, sanitary paramedics, dental technicians, dental assistants, paramedics, laboratory assistants, nurses. More than 2,000 graduates received honors diplomas. Some of them received higher medical education, became scientists and heads of medical services and departments.

Other graduates successfully work in various medical and medical institutions in our country and abroad (Cuba, Germany, USA, Canada, Israel, etc.)

In various years, famous scientists worked - academician K. Zhumaliev, I.M. Malecha, Z.M. Rachmanin, F. Ya. Tripurov, A.A. Koblik, as well as doctors known in Kazakhstan - surgeon N.T. Alibaev, infectious disease specialist K.D. Tazhimanov, S.A. Lebedev, obstetrician-gynecologist I.I. Berlyand, S.P. psychiatrist Pisman, I.S. Edelzon, T.V. Cheusov, V.O. Miller, L.N. Anshakova and Dr.

There are many scientists among our graduates, whose names are known throughout Kazakhstan: Imasheva Rozaliya Galievnna - Doctor of Medical Sciences, Professor, Academician - a graduate of our educational institution, the first Kazakh woman, a child psychiatrist, worked at the Alma-Ata State Medical Institute.

Zhumatov Hamza Zhumatovich - Soviet virologist, Academy of Medical Sciences of the USSR, studied in 1929 at the Kazakh Regional Medical School.

Karakulov Ishanbai Karakulovich - studied at the Kazakh Regional Technical School in 1929 - 1931. - a famous Soviet epidemiologist, organizer of public health, a corresponding member of the

Academy of Medical Sciences of the USSR, Kazakh SSR, Honored Scientist of the Kazakh SSR, Karakalpak SSR.

Tyurin Nikolai Alekseevich - in 1939 he entered the paramedic department of the Ural dental school. In August 1941, when he was 18, he went to the front. In 1952 he graduated from the Moscow Medical Institute, worked in Moscow at the Peoples' Friendship University named after Patrice Lumumba, was the dean of the medical faculty, doctor of medical sciences, academician.

The leaders of the educational institution were: G.I. Koltsov (1916-1920), A.V. Genke (1920-1922), V.S. Ponomarev (1922), I.V. Stepanov (1922-1923), M.A. Kutin (1923-1924), M.T. Batalov (1924-1931), I.S. Zobnin (1931-1932), I.Z. Shnibekov (1932-1936), M. Sundetkaliev (1937-1938), E.A. Shipulin (1937-1938), M.G. Sokolov (1938-1940), P.A. Pryanin (1940-1941), R.S. Podolskaya (1941-1944), E.I. Shchelkov (1944-1954), N.T. Alibaev (1954-1960), A.V. Tikhonov (1960-1979), A.N. Ibatov (1979-1984), M.K. Bergen (1984-2012). They worked hard and left an indelible mark on the development of the regional health care sector and in the training of medical personnel. Since 2012, the college was headed by N. M. Shumbalov, candidate of medical sciences, associate professor of the Department of Social Hygiene and Health Organization, who for many years previously worked as head of the department, dean, vice-rector of the West Kazakhstan State Medical University named after M. Ospanov in Aktobe, "Excellence in Education", "Excellence in Health care of the RK"

Since 2018, the college has been headed by Irmenov Kamidolla Mutigollaevich, candidate of medical sciences, honorary professor of the NJSC Asfendiyarov KazNMU, who has been the head of health care in EKR for more than 10 years.

The legal address of the college: 090009, West Kazakhstan region, Uralsk, Zhangerkhana, 67. Phones: 8 (711) 2-24-31-34, email address <https://www.zko-medcollege.kz/> Founder - EKR Health Department. The legal address of the founder: 090000, Uralsk, Dostyk avenue, house 201.

The general contingent of students of the specialty **0305000 "Laboratory diagnostics"** qualification 0305013 "Medical laboratory assistant" for the 2020-2021 academic year - 46 students.

2.2 Information on previous accreditation

Specialized accreditation certificate 0305000 Laboratory diagnostics from 31.05.2016 to 01.06.2021
Registration number SA No. 0006/1

2.3 Analysis of the report on self-assessment of the educational programme of the specialty 0305000 "Laboratory diagnostics", qualification 0305013 "Medical laboratory assistant" of LLP "West Kazakhstan Higher Medical College"

Report on specialized self-assessment college presented on 123 pages, including 16 pages of annexes.

The report is characterized by the completeness of responses to all 9 accreditation standards, structuredness based on the recommendations of the ECAQA Self-Assessment Guidelines, and the internal consistency of information provided by the accredited college.

Self-assessment of the college and the educational programme was carried out on the basis of the order on the formation of the composition of the internal self-assessment commission No. 735 dated 12/08/2020. The self-assessment process was carried out collegially, based on the principles of openness, transparency and transparency. Responsible for institutional and programmatic self-assessment is Almagambetova Gulmira Ibragimovna: Deputy Director for Academic Affairs.

The reliability of the information in the report was confirmed by:

1. Zh.T. Isimova - Head of the TCS "General Humanitarian and Social Disciplines"
2. M.T. Tarzhanova - head of the TCS "General professional disciplines"
3. V.P. Kurnoskina - Head of the Department of Clinical Administration No. 1 "Special Clinical Disciplines"
4. N.V. Trunova - Feduleeva - Head of the Department of Clinical Administration No. 2 "Special Clinical Disciplines"

Educational activities in the specialty 0305000 "Laboratory diagnostics", qualification 0305013 "Medical laboratory assistant" is carried out on the basis of a state license issued by the Department for Control in Education of the West Kazakhstan region of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan, the date of issue of the license is from 30 March 2018, license number KZ79LAA00011389.

According to the standard admission rules for training in the educational institution of TVE, persons with a general secondary education who have successfully passed the entrance exams are allowed to master the 0305000 "Laboratory diagnostics", qualification 0305013 "Medical laboratory assistant". Training on this educational programme is full-time, full-time, the language of instruction is Kazakh and Russian, the term of study is 2 years 10 months. Educational curriculum 0305000 "Laboratory diagnostics" corresponds to the mission and goals of the West Kazakhstan Higher Medical College, focused on training competitive specialists through the introduction of new priority projects in the field of medical education, the development of social partnership and the principles of dual education.

In the 2020-2021 academic year, in the specialty 0305000 "Laboratory diagnostics" the educational process is carried out by 73 full-time teachers, 8 part-time teachers from practical health care bases. Out of 73 full-time teachers, 19 have a pedagogical education, 54 have a medical education. The average age of teachers is 40 years. 11 young specialists have up to 3 years of experience, 37 have 3 to 10 years of experience, 13 have 10 to 15 years of experience, 12 have more than 15 years of experience. The quality composition at this accredited time is 40%. The list of basic medical organizations is approved by agreements between the college and the Moscow Region and includes 41 medical organizations in Uralsk and EKR.

Thus, the self-assessment report of the college educational programme contains objective, detailed, structured information on all activities in accordance with the ECAQA accreditation standards.

The content of the Self-Assessment Report is structured in accordance with the ECAQA Accreditation Standards and includes a description of strengths, areas for improvement for each of the 9 standards. Description of the key activities of the college fairly complete and updated software the number of students, teachers, administration, information on selection and admission, learning outcomes, knowledge and skills assessment results, material and technical base, contractual obligations with partners, financial information, plans for development and improvement, etc.

Conclusion on each of the 9 accreditation standards includes a description of strengths and areas for improvement.

The report is written in a competent language, the wording for each standard is clear and understandable, the tables contain references in the text and are consecutively numbered.

3. External expert evaluation

3.1. Description of external expert evaluation

External expert work on the institutional assessment of the WKHMC (hereinafter referred to as the college) was organized in accordance with the Guidelines for the external assessment of educational organizations and educational programmes of ECAQA (approved by order of the Director General of NEI "Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health care" No. 8 dated 11.03. 2021) and according to the program and schedule approved on March 15, 2021 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the chairperson of the EEC Ph.D. Tokbergenova G.T. and director Irmenov K.M. An external expert evaluation of institutional accreditation for compliance with the Standards for Accreditation of educational programmes in medical and pharmaceutical specialties of technical and vocational education (TVE) ECAQA began on March 15, 2021.

To obtain objective information on the expert assessment of the educational programme of the specialty 0305000 "Laboratory diagnostics" qualification 0305013 "Medical laboratory assistant" members of the EEC used the following methods: interviews with management and administrative staff, interviews with students, observation, study of the website, interviewing employees of various structural

units, teachers, online questioning of teachers and students during the period from 04/05/07/04/2021, a review of resources in the context of the implementation of accreditation standards, the study of educational and methodological documents for accredited educational programmes.

On the part of the college staff, the presence of all persons indicated in the visit program and according to the lists of interview sites is ensured (Attachment 1).

The first day of the visit to the college 7.04.2021

The first day of the EEC began with a visit to the college and getting to know the management. An overview presentation of the college was presented. Further, an interview with the leadership on the mission, strategic development of the organization as a whole and educational direction took place. At 9.30 a meeting of the EEC with the academic leadership took place, at which the management of educational programmes, career guidance, student recruitment, and monitoring of employment were discussed. At 10.05 and 10.40 an interview with the management of the college departments and the heads of the educational advisory point. We discussed with the managers the issues of development, approval and implementation of EP, control and measuring tools for assessing knowledge, skills and abilities of students, analysis of software effectiveness. An interview on educational and social work with students took place at 11.15. At 12.10 responsible staff members gave a tour of the college. EEC visited a simulation centre, a medical office, a gym and an assembly hall. In the museum, 1st and 2nd year students of "Medical care" were introduced to the history of the college in English and Kazakh. At 14.40 EEC visited the library of the college and got acquainted with the library fund. At 15.10 an acquaintance with the information support department took place, studied educational platforms, a test fund. At 15.45, the EEC members discussed administrative and economic issues with the responsible structures. At 16.15 a demonstration of teaching methods was presented, in the form of a presentation, used in educational programmes. At 4.45 pm, the QA inspector acquainted the EEC members with the college personnel policy, the recruitment of teachers, staff development and the assessment of the college staff. Q 17. 10 interviews were held with college teachers on the ZOOM platform, issues of the EP and its implementation were discussed. After that, the EEC members held a meeting on the first day of the visit. Summed up the results of the external assessment, discussed the results of the standards validation and verification of the data of the EP self-assessment reports. The day passed calmly, without stress, without deviations from the schedule, thanks to the well-coordinated work of the college staff.

Second day of visit 8.04.2021

The second day of work of EEC began with a visit to the clinical bases of the college. We visited the SEP on the REM City Multidisciplinary Hospital, on the basis of which there are 2 study rooms, talked with the leadership on the issues of clinical practice of students. In the regional multidisciplinary hospital, they visited 4 classrooms equipped with phantoms and educational material. At 11.00, we attended a demonstration of students' practical skills using simulation equipment, mannequins, phantoms in training programmes. At 11.50, the EEC members got acquainted with the material base of educational programmes: classroom fund, laboratories, classroom equipment, IT equipment. At 12.30, members of the EEC studied the college documents they requested. The documents were provided immediately, without delay. T 14.05 Attended the final international conference of students' search and research work in cooperation with the Kazan Medical College. At 14.45 we continued the study of documents on the college EP: constituent documents, regulations on the organization of the educational process, on divisions, job descriptions, reports. At 15.45 an interview with students took place, where training programmes were discussed. The students were very active and open in communication. At 4:50 pm, members of the EEC held an interview with student activists. At 5.15 pm, we conducted interviews with employers from practical healthcare on the ZOOM platform, discussed issues of employment of graduates and the degree of satisfaction with students' knowledge. At 18.00, members of the EEC discussed the fruitfulness of the day passed and summed up the results. 45 Continued the study of documents on the EP of the college: constituent documents, regulations on the organization of the educational process, on divisions, job descriptions, reports. At 15.45 an interview with students took

place, where training programmes were discussed. The students were very active and open in communication. At 4:50 pm, members of the EEC held an interview with student activists. At 5.15 pm, we conducted interviews with employers from practical healthcare on the ZOOM platform, discussed issues of employment of graduates and the degree of satisfaction with students' knowledge. At 18.00, members of the EEC discussed the fruitfulness of the day passed and summed up the results. 45 Continued the study of documents on the EP of the college: constituent documents, regulations on the organization of the educational process, departments, job descriptions, reports. At 15.45 an interview with the students took place, where the training programmes were discussed. The students were very active and open in communication. At 4:50 pm, members of the EEC held an interview with student activists. At 5.15 pm, we conducted interviews with employers from practical healthcare on the ZOOM platform, discussed issues of employment of graduates and the degree of satisfaction with students' knowledge. At 18.00, members of the EEC discussed the fruitfulness of the day passed and summed up the results. where training programmes were discussed. The students were very active and open in communication. At 4:50 pm, members of the EEC held an interview with student activists. At 5.15 pm, we conducted interviews with employers from practical healthcare on the ZOOM platform, discussed issues of employment of graduates and the degree of satisfaction with students' knowledge. At 18.00, members of the EEC discussed the fruitfulness of the day passed and summed up the results.

The college has 60 classrooms, of which 41 are special disciplines, 9 laboratories and 3 computer labs. The percentage of equipment for preclinical practice rooms in all specialties is 95%.

For the validation of standards 2.3.6, members of the EEC attended the lessons of teachers: M.M. Baktygalieva. specialty "Medical care", 0301013 Feldsher, Topic: "Surgical and inflammatory processes of the kidneys, Kidney cancer, Surgical diseases of the external genital organs" Students: group EI - 33; in the specialty "Nursing", 0302043 Nurse of general practice, teacher Dyusenbaeva Aigerim Zhangelievna. Topic: "Survey of women according to the list of guaranteed volumes of free medical care. Precancerous diseases of the breast. Malignant and benign breast tumors "withstudents: group MI - 35;

in the specialty 0302043 "General practice nurse", teacher Sandugash Bakitovna Semgalieva. Topic: "Cardiopulmonary resuscitation. Providing emergency care in case of emergency in children "students: group SD - 32;

specialty 0301023 "midwife", teacher Nabigalievna Makhabbat Dauletkalievna. Topic: "Emergencies in diseases of the digestive and urinary organs" students: group AI - 31;

Nursing in therapy: teacher Ermekovu Aselim Bulekbaevna Topic: "Rheumatoid arthritis. Osteoarthritis ", students: group MI - 33; students: group FT - 31. All attended classes are provided with a working curriculum, control and measuring tools, handouts, equipment for individual practice of practical skills. 100% of the students were present in compliance with the sanitary epidemiological regime.

Further, members of the EEC in offline mode in compliance with all measures of sanitary and epidemiological requirements together with a foreign expert in the online format Oleinikova T.A. took part in the final conference of prospecting and research works (SIW) on the topic "Viral infection - the problem of the XXI century. COVID-19 " college students. The conference was held with the participation of students of the Kazan Medical College in the online format.

Third day of visit 9.04.2021

The third day of work of the EEC began with an introduction to the interaction of the college with Kazakhstani universities and international cooperation in the context of additional education and EP. We studied the documents: contracts, memorandums, membership in the association and the results of

cooperation. At 9.30 am we got acquainted with the work of the department of applied bachelor's degree, a presentation was made. At 10.30 am Continued to study the documents on the EP of the college. At 11.00 We attended lessons in the specialty "Medical Care" qualification 0301023 "Midwife". At 11.30 we studied the documents on the college EP: contracts with clinical practice bases, personnel policy, portfolios of teachers and students, etc. At 14.00, the final discussion of the results of the external assessment of the college EP for compliance with accreditation standards, filling out the quality profile and external evaluation criteria. Discussion of recommendations for improvement for the college. The Chairperson conducted a final open vote on college recommendations and a final vote on recommendations for the ECAQA Accreditation Council. A draft report and a recommendation for improving the organization's performance were prepared.

An interview was held with those responsible for interaction with Kazakh universities and international cooperation - Almagambetova G.I., responsible for applied bachelor's degree Alibayeva G.A., and postgraduate education Syzdykova D.M. All members of the listed structural units made brief presentations and provided the members of the EEC with documentation in the form of: contracts, memoranda, theses, publications, achievements.

In total, the college implements 5 memorandums with the University of Applied Sciences JAMK Finland, Kaunas Lithuanian University of Health Latvia, Carmel MedCurator Haifa Israel. NJSC Kaz NMU named after S.D. Asfendiyarova, JSC Kazakh Medical University of Continuing Education, Samara Medical College named after N. Lyapina, West Kazakhstan Medical University named after M. Ospanov.

Since the signing of Memorandums with universities, since 2019, active training has been carried out for medical workers in the region in priority areas of Health care development, such as:

- ANA international standards for BLS, ACLS, PALS, PHTLS.
- triage system in the operation of the reception rooms of hospitals
- implementation of a disease management programme (DMS)
- introduction of the universal progressive model of patronage service (UPMPS) according to the WHO programme
- development and improvement of communication skills
- individual nursing reception
- integrated management of childhood illnesses
- emergency conditions in obstetrics

In total, in 2019, with the active interaction of teachers of the NJSC Asfendiyarov KazNMU, 1259 specialists were trained, including 553 doctors and 706 construction and installation work in EKR. Since November 2019, a branch of the NJSC Asfendiyarov KazNMU has been operating on the basis of the college, which organizes advanced training and retraining of doctors of the region according to requests from medical organizations of the region. During this period, 316 doctors were trained through the branch. There is an annually approved work plan, according to which activities and training are carried out. Thus, we have obtained evidence of compliance with Standards 2, 4, 6, 8.9.

At 17.00, the chairperson and members of the EEC announced recommendations based on the results of an external assessment as part of the college's accreditation for 8 educational programmes for the management and staff of the college.

The programme and schedule of the external expert assessment of the EEC has been completed in full. On the part of the college staff, the participation of all persons indicated in the programme is ensured.

3.2 Results of the survey of key stakeholders

The ECAQA observer conducted an online survey of college students on the resource <https://webanketa.com/> from April 7-9, 2021. In total, the proposed questionnaire contains 39 questions,

including an assessment of satisfaction with training and resources of the organization. The total number of students to whom the questionnaire was sent is 499. The total number of respondents is 499.

By specialties: "Medical Care" qualification "Feldsher" - 44.2%, "General Medicine" qualification "Midwife" - 10.14%, "Hygiene and Epidemiology" - 23.91%, "Nursing" - 19.57 %, "**Laboratory diagnostics**" – **15%**, "Pharmacy" - 2.17%. Fully agree with the statement that they will recommend college as an organization of training - 86.23%, partially agree with this statement - 10.87%, disagree with the statement 0%, doubted the answer 2.9%. Programme managers and teachers are aware of the problems of students associated with studying in college - 86.96% of respondents strongly agree, 9.42% - partially, strongly disagree - 2.17%, the rest doubted the answer - 1.45%. According to 84.06% of respondents, programme managers and teachers constantly involve students in the work of advisory bodies, the rest answered differently (they do not involve - 2, 17%, I do not know anything about it - 9.42%, doubted the answer - 0.72%, sometimes 3.62%). Fully satisfied with the conditions and equipment of classrooms, college auditoriums 84.78% of respondents, partially satisfied 12.32%, not satisfied 0.72%, partially dissatisfied - 1.45% and doubted with the answer 0.72%.

The college has created conditions for students to rest and eat (recreation areas, benches on the territory, buffet) in between classes - 79.71% agree completely, the rest of the respondents are not satisfied to some extent. Office equipment (computers, laptops, printers) are available for students in classrooms and practice bases are fully available for 86.23% of students, partially for 7.25%, not available for the rest of the respondents. The majority (88.41%) answered that teachers provide students with methodological and didactic materials, additional literature to prepare for classes. In the opinion of 87.68% in the college there is access to the participation of students in research work, 6.52% partially agreed with this, and the rest - 2.17% deny it. Fully and partially satisfaction with library resources 89.13% and 10.87%, respectively. The majority (91.3%) have access to electronic educational resources. The availability of medical services for a college student is characterized as sufficient by 89.86% of surveyed students. 89.86% are completely satisfied with the activities of mentors, curators and tutors, partially - 5.8%, are not satisfied in one way or another - 4.34%, 0% do not know their mentor / curator. College teachers and staff treat students with respect - 95.65% strongly agree. Most of the respondents (90.58%) know that the college has and is implementing social programmes to support students, and 9.42% have not heard and do not know about it. The college has a career counseling service for students know about this - 87.68% of respondents. Fully agree that the college has established a system of self-study of students / pupils 86.23%, partially agree - 10.87%, the rest of the respondents disagree (2.9%), or doubted the answer. 76.09% of the respondents assessed the organization of training at the practice bases as excellent, 15.22% as good, 2.9% as satisfactory, 2.17% as unsatisfactory, and a considerable percentage of respondents - 3.62% - could not rate at all ... Approximately 84.06% of respondents answered that there is sufficient time in college for practical training (patient management and care, nursing rounds, work in laboratories, etc.), the rest or partially agreed with the answer (13.04%) either disagree (2.17%) or doubted the answer (0.73%). unsatisfactory - 2.17%, and a considerable percentage of the respondents - 3.62% - could not evaluate at all. Approximately 84.06% of respondents answered that there is sufficient time in college for practical training (patient management and care, nursing rounds, work in laboratories, etc.), the rest or partially agreed with the answer (13.04%) either disagree (2.17%) or doubted the answer (0.73%). unsatisfactory - 2.17%, and a considerable percentage of the respondents - 3.62% - could not evaluate at all. Approximately 84.06% of respondents answered that there is sufficient time in college for practical training (patient management and care, nursing rounds, work in laboratories, etc.), the rest or partially agreed with the answer (13.04%) either disagree (2.17%) or doubted the answer (0.73%).

More than 89.13% of the respondents are satisfied with the schedule of classes in the disciplines of the educational programme, partially - 7.97%, no - 2.9%. Fully and partially satisfied with the methods of assessing the knowledge and skills of students 85.51% and 14.49%, respectively. The content of the educational programme (list of disciplines) in the chosen specialty fully meets the expectations of the majority - 89.86%, partially - 8.7%, no - 1.45%. In the classroom, teachers use active and interactive teaching methods regularly considered by 84.78% of respondents. Sometimes - 12.32%, rarely - 0.73%,

the remaining 2.17% either do not know what the question is about or doubted the answer. To the question: how often the teacher is late for the beginning of classes - 92.03% of the respondents answered that there was no such thing, 7.25% answered that sometimes, I do not know what to answer - 0.72%. According to 92, After completing classes, 75% of the students surveyed, the teachers constantly provide feedback (listens to opinions, conduct mini-questionnaires, work on mistakes), and 3.62% write that "sometimes", 1.45% answered "rarely", 2, 18% answered never. Two-thirds of the respondents - 91.3% - stated that a college teacher (mentor, curator) is an example for a student as a professional doctor, a person (ethics, communication, appearance, speech), the rest or do not agree with this - (2, 17%), doubted the answer (1.45%) and 5.08% answered "not all teachers of this college".

There is a sufficient number of patients to carry out practical activities in the chosen specialty, according to the majority - 86.96%. 87.68% of respondents like to study at this college. Experienced personally negative attitude of teachers more than 87.68% of students answered "no", 7.97% answered "it happened deservedly", 2.17% "answered yes is not fair", 2.18% answered "no answer". They are satisfied that more than 88.41% of respondents study at this particular college, partially 8.7%, do not know how to answer 1.45, but about 1.44% are either disappointed or did not know how to answer. The college leadership is available to students, according to the majority of respondents - 98.55%.

To the question "Are you currently in a scientific circle or participate in a scientific project", 71.01% answered "yes", and 18.12% - "no", the rest are in search, plan to start or do not want to do research.

93.48% of the respondents are fully confident that college allows them to acquire the necessary knowledge and skills in the chosen specialty, but 1.45% are not sure about this, 4.35% cannot yet give an answer, 0.72% want to believe it, and 0% began to doubt. 90.58% are completely satisfied with the organization of teaching in the college, partially 7.97%, 1.45% answered no.

80.43% of respondents assessed the work of the external expert commission positively, 14.49% were satisfactory, 1.45% were unsatisfactory, 3.63% doubt the answer. According to 84.78% of respondents, the accreditation of college or educational programmes is necessary, at the same time, 5.8% did not know what kind of procedure it was, 5.07% answered no, 4.35% doubted the answer. Most of the respondents answered that at different stages of preparation for accreditation, teachers involved them in different activities.

Conclusion: The external expert commission of ECAQA determined that the college has a corporate culture and ethical behavior between all participants in the educational process, as well as a developed system of mentoring and consulting students on academic and personal issues. This leads to a positive attitude of students to the place of study. At the same time, students are fully involved in the work of advisory bodies on the development of the mission, discussion of the educational programme and the educational process. High involvement of students in research work was noted. Positive feedback from social partners about the level of theoretical and practical preparedness of students during the period of industrial practice testifies to a fairly high level of quality of training in an educational institution.

Areas for improvement: it is recommended to continue to work on attracting students to develop research skills in specialized disciplines.

An online survey of 60 teachers was conducted on 12-14.04.2021, the number of respondents was 60 (according to the staffing table - 60).

Pedagogical experience up to 5 years - 26.39%, from 5 to 10 years - 25%, over 10 years - 48.61%. 94.44% are satisfied with the organization of the educational process in college, 4.17% partially, 1.39% partially disagree. In college, ethics and subordination are considered by 90.28% of respondents, and 8.33% partially, partially disagree with 1.39%. Satisfied with the organization of labor and workplace in college, 88.89% of respondents are completely satisfied, 9.72% partially, 1.39% partially disagree. In the organization, there is an opportunity for career growth and development of teachers, 88.89% of respondents believe, and 11.11% - partially. In this educational organization, I have the opportunity to engage in scientific work and publish the results of research in the opinion of 88.89% of teachers. The

wages are completely satisfied with 88.89%, in part with 11.12%. 94.44% of teachers are completely satisfied with the work of the personnel department and personnel policy, and partly - 5.56%. During the year 54.17% of the respondents improved their qualifications in their specialty, in the near future 41.67%. More than 77.78% of respondents characterize the microclimate in the team as satisfactory, 1.39% - unsatisfactory, 0% do not pay attention to it. 20.83% are satisfied with everything. 87.5% of respondents believe that in college there is an opportunity to be realized professionally.

Of the respondents, 88.89% believe that the students of this educational organization have a high level of knowledge and practical skills after completing the training programme, 11.11% of teachers partially agree.

When asked if the educational organization supports my participation in conferences (international, republican), 73.61% answered that travel expenses are paid, 4.17% - only travel expenses, 1.39% answered that they prefer self-financing, 2, 78% paid only the registration fee 11.11% did not contact the management about this, 6.94% did not give an answer.

Completely according to 97.22% of respondents that students have free access to patients at clinical sites and all conditions for improving their practical skills, 1.39% partially agree, 1.39% doubt the answer. For the theoretical part of the lesson, 80.56% of respondents spend up to 30% of the total time, and 11.11% of teachers spend 50% of the time, and 0% of respondents - about 70% of the time, almost 90% - 2.78%, no answer 5.55%, which changes the optimal balance of the organization of the educational process.

Fully satisfied with the level of prior training of students (residents) upon admission to training programmes 76.39% of respondents, partially - 23.61%. In response to the question about mentoring work, 5.56% wrote that they are mentors, 73.61% a curator, 8.33% a tutor, and 12.5% had no answer.

22.22% of the respondents are not involved in clinical work, and 61.11% believe that it is the optimal combination of teaching and clinical activities.

88.89% of respondents are aware that the college implements programmes of social support for teachers, 11.11% are not aware of this. The availability of the manual was assessed by 100% of the respondents. Teachers use different teaching methods.

This questionnaire is useful for developing recommendations for improving the key areas of the college's activities fully supported by 90.28% of respondents, and 8.33% partially, 1.39% did not answer.

Conclusions: the team has a corporate spirit and support from the management. The basic education of the entire teaching staff fully complies with the requirements for the content of student training, carried out in general, humanitarian, general professional, special disciplines and meets the goals, objectives and areas of educational activities of the college. Job descriptions of teaching staff correspond to the typical qualification characteristics of the positions of teaching staff and persons equated to them. The teachers are satisfied with the working conditions and the organization of the educational process, at the same time it is necessary to complete special disciplines with qualified teachers, to strengthen the issues of professional development.

Areas for improvement: Continue work to strengthen the teaching staff with masters, bachelors of clinical disciplines.

3. Conclusions of the EEC on external expert evaluation

As part of an external expert assessment of the educational programme in the specialty "Laboratory diagnostics" for compliance with the ECAQA Accreditation Standards, members of the EEC were carefully studied and evaluated the main indicators of the educational activities of the college and the educational programme.

The information obtained by external experts during the study of the self-assessment report, preparation of a written review with recommendations for improvement, interviews with management, employees of departments, study of documentation, during interviews with administrative workers, interviews with students, teachers, employers, and questionnaires of 499 students, 66 teachers was analyzed. All the information received was compared with the data of the self-assessment report, which

made it possible to ensure the reliability and validation of the provided college information and supporting documents for compliance with the above-mentioned ECAQA Accreditation Standards.

Despite the fact that in the self-assessment report of the educational programme of LLP "West Kazakhstan Higher Medical College" described his best practice in adhering to accreditation standards, during an external expert evaluation by EEC members, in addition to the 20 documents previously reviewed, additionally requested 15 documents and videos on learning resources, which made it possible to identify the conformity of the activity educational organizations to the standards of accreditation of educational programmes.

Recommendations for improving performance in implementation of the educational programme in the specialty «Laboratory diagnostics» LLP "West Kazakhstan Higher Medical College for compliance with Accreditation Standards, developed by the EEC based on the results of the expert evaluation, were presented at a meeting with the management of the college.

On the last day of the visit, members of the EEC conducted an assessment of the compliance of the educational programme in the specialty "Laboratory diagnostics" according to the developed ECAQA "Quality profile and criteria for external evaluation of the educational programme in the specialty "Laboratory diagnostics" for compliance with ECAQA Accreditation Standards". The above document was individually completed by each member of the EEC. No comments were made by the EEC members.

The programme and schedule of the external expert assessment of the EEC has been completed in full. From the side of the staff of LLP "West Kazakhstan Higher Medical College, participation of all persons specified in the programme is ensured.

Thus, the external assessment and the visit of the EEC members made it possible to verify and validate the data of the self-assessment report of the educational programmes in full in accordance with the Regulation on the External Expert Commission, Guidelines for external evaluation of a medical organization ECAQA education.

For the work of the EEC, comfortable conditions were created, access to all necessary information and material resources was organized. The Commission notes the high level of corporate culture of LLP "West Kazakhstan Higher Medical College", the high degree of openness of the team in providing information to members of the EEC.

4. Analysis for compliance with accreditation standards based on the results of an external assessment of the educational programme of the specialty 0305000 "Laboratory diagnostics" qualification 0305013 "Medical laboratory assistant" of the institution of LLP "West Kazakhstan Higher Medical College" and an overview of the strengths for each standard

Standard 1: MISSION AND END OUTCOMES

The expert commission received convincing data that the mission of the educational programme "Laboratory Diagnostics" has been defined, developed with the participation of the main stakeholders and includes their needs, suggestions, and also brought to the attention of stakeholders. The mission and vision of the educational programme "Laboratory Diagnostics" corresponds to the mission and vision of the college

Proof of:

- The college's mission statement is published in the College's Strategic Plan on the college's website. www.zko-medcollege.kz...
- The mission, goals and objectives of the college, which are part of the Development Strategy, were discussed and approved at a meeting of the Pedagogical Council (<https://drive.google.com/drive/folders/1ep1ZvpVM79RF-EsFJnslAePkpiqdAs9O?usp=sharing>No. 3 dated December 26, 2017). In accordance with external and internal challenges, the mission and vision of the college were supplemented with justification and for the purpose of transparency, discussion at

the meeting of the college supervisory board and adopted by members of the National Assembly - representatives of stakeholders,

[https://www.zko-](https://www.zko-medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A124092018%D0%B3.pdf)

[medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A124092018%D0%B3.pdf](https://www.zko-medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A124092018%D0%B3.pdf) as well as the pedagogical council, which includes the

main stakeholders: director, administration, teachers, parents, students, a representative of the NPA "Atameken", a representative of employers,

<https://drive.google.com/drive/folders/1ep1ZvpVM79RF-EsFJnslAePkpiqdAs9O?usp=sharing>

- Access to the mission is provided on the college website in the General Information section: Mission and Strategic Plan for 2017-2021.

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https://www.zko-medcollege.kz/images/STRAT_PLAN17-21.pdf

- The college has a Code of Ethics for employees and students of the college approved by the director.

[https://zko-](https://zko-medcollege.kz/images/08.%D0%9F%D0%94.07%D0%9F%D1%80%D0%B0%D0%B2%D0%B8%D0%BB%D0%B0-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D1%80%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%8F%D0%B4%D0%BA%D0%B0.pdf)

[medcollege.kz/images/08.%D0%9F%D0%94.07%D0%9F%D1%80%D0%B0%D0%B2%D0%B8%D0%BB%D0%B0-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D1%80%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%8F%D0%B4%D0%BA%D0%B0.pdf](https://zko-medcollege.kz/images/08.%D0%9F%D0%94.07%D0%9F%D1%80%D0%B0%D0%B2%D0%B8%D0%BB%D0%B0-%D0%B2%D0%BD%D1%83%D1%82%D1%80%D1%80%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%8F%D0%B4%D0%BA%D0%B0.pdf)

- In the 3rd quarter of 2020, the DNCHR of the Ministry of Health of the Republic of Kazakhstan monitored the implementation of the development programme of the West Kazakhstan Higher Medical College, taking into account the needs of nursing reforms, where it was noted in the conclusion that, according to all 31 monitoring criteria, the implementation by the college corresponds to the assessment “fully completed”.

[https://zko-](https://zko-medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A128032019%D0%B3.pdf)

[medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A128032019%D0%B3.pdf](https://zko-medcollege.kz/images/%D0%9F%D1%80%D0%BE%D1%82%D0%BE%D0%BA%D0%BE%D0%BB%D0%97%D0%B0%D1%81%D0%B5%D0%B4%D0%B0%D0%BD%D0%B8%D1%8F%D0%9D%D0%A128032019%D0%B3.pdf)

Documentation is carried out by a protocol of discussion in collegial management bodies: the pedagogical council and the methodological council, where all interested parties are represented (leader, students, parents, representative of the NLA, representatives of social partners, teaching staff). The policy and goals of educational programmes are discussed at the teachers' council, agreed with social partners and approved by the director of the college. Organizational structure of the college: <https://zko-medcollege.kz/images/NS/Personal/Orgstruktura.pdf>

Strengths:

1) The mission of the educational programme corresponds to the Mission and vision of the college and is aimed at the fundamental and practical training of highly qualified, competitive specialists with universal knowledge, capable of further self-management in terms of further professional career and continuing education.

2) The mission of the college was developed with the participation of all stakeholders, from the planning stage to the implementation of decisions. When developing the Mission, the needs and suggestions of stakeholders were taken into account.

3) The College of Medicine has provided access to information about the mission of the educational programme for stakeholders and the public

4) Professional values are acquired by students during socialization on the basis of the Code of Ethics and Internal Regulations.

5) The college periodically revises the mission, goals and expected learning outcomes in order to meet and take into account international and national priorities for the development of nursing

education, professional standards and requirements of the health care system, the needs and expectations of stakeholders and society

6) The college documents and provides access to curriculum policies and objectives, competencies and learning outcomes for students, faculty and other stakeholders.

Conclusions of the EEC on the criteria. Out of 11 standards conform: completely - 11, significantly - 0, partially - 0, do not correspond - 0.

Standard 1: completed

Recommendations for improvement identified during the external visit:

Standard 2: EDUCATIONAL PROGRAMMES

The model of the educational programme 0305000 "Laboratory diagnostics" corresponds to the missions, goals and expected learning outcomes; general professional and special disciplines, industrial training and professional practice in the specialty meet the requirements of the State Educational Standard of the Ministry of Health of the Republic of Kazakhstan; teaching and learning methods are based on modern teaching principles.

Proof of:

- Educational activities in the specialty 0305000 "Laboratory diagnostics" are carried out by the college on the basis of a state license, https://zko-medcollege.kz/images/Licenze_ru.pdf
- A complex of material and technical support was introduced in WKHMC https://drive.google.com/file/d/1eBwmSKT98H4_oz8ktmtRB1glbW_8O0uJ/view?usp=sharing
- Monitoring of the acquired knowledge and skills (Minutes No. 3 dated January 20, 2020) <https://drive.google.com/drive/folders/16BBHGR09WoPw6ApuxogkY9IIRjhJRmbw?usp=sharing>
- Professional practice and clinical bases in the specialty "Laboratory diagnostics" <https://www.zko-medcollege.kz/ru/studentu/professionalnaya-praktika/klinicheskie-bazy>
- Monitoring of the effectiveness and efficiency of the application of innovative technologies and the use of active teaching methods is carried out by analyzing the attendance of classes with teachers, analyzes of intermediate and final control of knowledge, conducting a questionnaire "Teacher through the eyes of students". https://drive.google.com/drive/folders/1hGp_IZ2WD5oajzh5YKlbiBRj4g-Qp9n5?usp=sharing
- In order to realize the goals and objectives of the conceptual foundations of education, it is carried out on the basis of the priority directions of the Rukhani Zhagyru programme. <https://www.zko-medcollege.kz/ru/?start=132> , patriotic education https://drive.google.com/drive/folders/1jp_m2-VvorOpf7JK-wUsdvLyOU2afL8H?usp=sharing , Days of languages of the Republic of Kazakhstan, students are implementing social projects "Biz birgemiz". <https://www.zko-medcollege.kz/ru/556-my-vmeste-my-doma> , <https://www.zko-medcollege.kz/ru/535-vmeste-my-sila> , business project "COLLEGE STARTAP". <https://www.zko-medcollege.kz/ru/521-college-startap> ... <https://www.zko-medcollege.kz/ru/505-molodezh-v-istorii-strany...> Club "Sanaly Urpak" https://www.zko-medcollege.kz/ru/626-korrupsiya-bolezn-obshchestva,https://www.zko-medcollege.kz/ru/610-onlajn-kruglyj-stol-sanaly-rpa-zhar-yn-bolasha,https://m.facebook.com/story.php?story_fbid=843271872915406&id=100016978039085&sfnsn=mo , https://www.zko-medcollege.kz/ru/624-korrupsiya-i-zakon,https://m.facebook.com/story.php?story_fbid=844387799470480&id=100016978039085&sfnsn=mo , <https://www.zko-medcollege.kz/ru/643-adal-rpa-g-ldengen-bolasha...>

The qualitative composition of the teaching staff of the specialty "Laboratory diagnostics" trained in English is expressed in Table 4.

Strengths:

1) The implementation of the educational programme is carried out in accordance with the mission of the college, is determined by the goal and objectives of the programme and the final learning outcomes

2) According to the standard curriculum, a working curriculum for the specialty 0305000 "Laboratory diagnostics" is drawn up, coordinated by social partners and approved by the director of the college.

3) Monitoring of the acquired knowledge and skills is carried out both within the walls of the college and after graduation by employers. In order to obtain objective data on the implementation of the educational programme 0305000 "Laboratory Diagnostics", intermediate certification of students in the subjects studied is carried out.

4) Practices are conducted in the specialty 0305000 "Laboratory diagnostics", industrial and professional (pre-diploma) in WKRB RO, laboratories of medical institutions, under the guidance of mentors (mentors) and are aimed at mastering and consolidating the knowledge gained in the learning process, acquiring practical skills and mastering professional competencies.

5) The college monitors the effectiveness and efficiency of the use of different technologies in the learning process

6) In the medical college, educational components of the educational programme are organized, which are aimed at instilling national values, the formation of patriotism and citizenship, the development of versatile interests and abilities of students, and the formation of a healthy lifestyle.

7) College teachers are trained in English

Conclusions of the EEC on the criteria. Out of 12 standards conform: completely -11, significantly -1, partially - 0, do not correspond - 0.

Standard 2: completed

Recommendations for improvement identified during the external visit:

1) Introduce dual training on educational programmes 0305000 "Laboratory diagnostics"

Standard 3: ASSESSMENT OF STUDENTS

Based on the results of the final certification, it can be concluded that the quality of knowledge in the specialty 0305000 "Laboratory diagnostics" is 100%; the scores obtained cover knowledge, skills and attitudes; external examiners are involved to improve the fairness, quality and transparency of the final assessment process; the process and methods of assessment are open and accessible for examination by external experts.

Proof of:

- According to table 6 for 5 years, the total number of graduates of the specialty "Laboratory diagnostics" is - 96, academic performance - 100%, the average quality of knowledge - 95%, consistently high

The college developed questionnaires for students "Teacher through the eyes of students", "Student satisfaction with learning outcomes", "Employers' satisfaction with the quality of graduates training", "Graduates satisfaction". The data are shown in Chart 3

Strengths:

1) The college is noted for high academic performance and average quality of knowledge, which indicates high-quality training of specialists.

2) Monitoring of the effectiveness of educational services and student satisfaction is carried out when analyzing the results of the annual survey of students, social partners conducted at the college in order to determine the objective opinion of students, employers about the quality work of the teaching staff.

Conclusions of the EEC on the criteria. Out of 12 standards conform: completely -11, significantly -1, partially - 0, do not correspond - 0.

Standard 3: completed

Recommendations for improvement identified during the external visit:

- 1) To replenish and systematize the electronic database of test items for all EP

Standard 4: STUDENTS

The number of students in the specialty 0305000 "Laboratory diagnostics" corresponds to the material and technical capabilities of the college, academic support for students is provided, students in the specialty are prize winners of republican, international Olympiads, competitions; however, due to the relatively low rates of employment of graduates, admission to the specialty 0305000 "Laboratory diagnostics" is carried out with an interval of 2-3 years.

Proof of:

- The logistics of the college are presented in the annexes to standard 4
- The social passport of the specialty is indicated in Diagram 5.
- Monitoring of employment is carried out through the State Centre for Internal Affairs, inquiries to medical organizations of the city and region and is presented in Table 15 and in Diagram 6. https://drive.google.com/file/d/1a_sWX6_dD247RIdBVC1qWibyS_2FdOOD/view?usp=sharing
- The volunteer movement of the college is represented by the volunteer club "Ashyk zhurek", which includes the work of the circles "Meyirimdi zhurekter", "Meyirim", "Ayaly alagan", where volunteers of the specialty "Laboratory diagnostics" are also involved. The club closely cooperates with the Centre for the Formation of a Healthy Lifestyle, the Centre for the Fight and Prevention of AIDS, the Regional Blood Centre, the Regional Police Department, and a children's village. <https://www.zko-medcollege.kz/ru/?start=108>

Strengths:

- 1) WKHMC controls the number of recruited students in accordance with the material and technical capabilities, educational potential of the teaching staff: there is a sufficient classroom fund, classrooms for practical and laboratory classes, a library fund, information and computer technology.
- 2) At the beginning of the academic year, the college regularly conducts a qualitative analysis of statistics on the contingent of different categories of students (orphans left without parental care, from low-income families, with disabilities).
- 3) The college has established work on the employment of graduates, the employment is constantly monitored.
- 4) College students are actively involved in the volunteer movement

Conclusions of the EEC on the criteria. Out of 13 standards conform: completely -11, significantly -2, partially - 0, do not correspond - 0

Standard 4: completed

Recommendations for improvement identified during the external visit:

- 1) It is recommended to increase the level of employment of graduates for continuous annual recruitment in the specialty.
- 2) To activate vocational guidance work with entrants according to EP 0305000 "Laboratory diagnostics".
- 3) It is recommended to involve students to develop research skills in special disciplines.

Standard 5: TEACHERS

The personnel policy of the college is aimed at achieving the stated mission, improving the quality of implementation of educational programmes, and professional development of teachers. Achievements of teachers testify to the effectiveness and diversity of activities of the teaching staff. Planned certification and professional development of teachers contribute to the positive dynamics of the qualitative and quantitative composition of the teaching staff of the college. After completing advanced training courses, at meetings of the Methodological Council, Pedagogical Council, meetings with the director, reports are heard, proposals are accepted for the introduction of advanced teaching technologies and active teaching methods into the educational process.

Proof of:

- According to the data given in diagram 8, 56 teachers participate in training in this specialty, including candidate of medical sciences -1, master's degree - 9, academic bachelor -12, with the highest category -11, with category I-5, with category II -18. All teachers have an appropriate basic education corresponding to the taught discipline. Full-time teachers - part-time with practical health care - 1 (on the subject "Methods of clinical laboratory research"). 4 teachers have the honorary title "Excellence in Health Care"

- Open classes are constantly monitored using modern educational technologies. Every year, about 30% of teachers conduct open classes.

<https://drive.google.com/drive/folders/1bnpw9bArDKckFkSoWzkZG965gVCkOmiP?usp=sharing>
In addition, teachers at seminars of various levels present master classes, where they demonstrate the experience of organizing and technology of conducting classes, using laboratory equipment, an interactive whiteboard and the capabilities of the classrooms of the simulation centre. Recently, the practice has included demonstration of experience in the use of innovative learning technologies online.
<https://www.zko-medcollege.kz/ru/?start=66>

Strengths:

1) In accordance with the normative indicators established by the Law of the Republic of Kazakhstan "On Education" and the Government Decree of 30.01.2008. No. 77 "On the approval of the Model States of employees of state educational organizations and the list of positions of teaching staff and persons equated to them", the staff of teaching staff of the West Kazakhstan Higher Medical College is determined annually.

2) The management of the college on an ongoing basis analyzes the quantitative and qualitative composition of teachers, and also regularly monitors and evaluates teaching activities

Conclusions of the EEC on the criteria. Out of 8 standards conform: completely -8, significantly - 0, partially - 0, do not correspond - 0.

Standard 5: completed

Recommendations for improvement identified during the external visit:

1) It is recommended to continue the indicators of publications of the teaching staff on the pages of international and republican publications.

Standard 6: EDUCATIONAL RESOURCES

The college has an electronic library system, its own educational and clinical centre with a simulation centre, constant replenishment of mannequins and dummies of classrooms for practical training, a wide coverage of clinical bases for practical training

Proof of:

- The material and technical support of the educational process is carried out in accordance with order No. 423 of 05/29/2015 of the Ministry of Health of the Republic of Kazakhstan "On the approval of standards for equipping simulation rooms of educational organizations in the field of health care." The available college material base is presented in diagram 13

- The information and communication base of the college is discussed in table 19

- Every year, students of all specialties take part in search and research work. The number of projects in the context of specialties is presented in Diagram 15. The number of winners and prize-winners of the SRW conference in the context of specialties are presented in Diagram 16

Strengths:

1) The college has 60 classrooms, of which 41 are special disciplines, 9 laboratories and 3 computer labs. The percentage of equipment in the classrooms of the specialty 0305000 "Laboratory diagnostics" is 95%.

2) West Kazakhstan Higher Medical College is constantly improving its information and communication base for the development and improvement of the educational and methodological

information environment of the college, aimed at improving the quality of the educational process and integration into the regional education and health care system.

3) At the college, students' search and research work (SRW) is carried out, which contributes to the development of creative thinking, cognitive interests, intellectual and creative and communicative abilities of students.

Conclusions of the EEC on the criteria. Out of 13 standards conform: completely -11, significantly -1, partially - 0, do not correspond - 0

Standard 6: completed

Recommendations for improvement identified during the external visit:

- 1) It is recommended to systematize the sources of Internet resources and electronic databases for ease of use.
- 2) Continue work on replenishing and updating the library fund in the state and Russian languages.
- 3) Supplement the library fund with electronic educational publications.
- 4) Retrofit and update the material and technical base with sports equipment, auxiliary and information and communication technical training aids.

Standard 7: PROGRAMME EVALUATION

The average indicator of the quality of students' knowledge based on the results of the intermediate certification of the specialty 0305000 "Laboratory diagnostics" is 93%, according to the NCNE, the results of the final certification - academic performance and quality of knowledge - 100%, the average score - 81.5%. In general, college students are satisfied with the educational process and the level of teaching in the college. In the context of distance learning, teachers conduct lessons and conferences on the Zoom platform, CollegeSmartNation, use Miro and Jamboard online boards in the classroom

Proof of:

- To determine the level of mastery of the final learning outcomes for graduates, control slices of knowledge, skills and abilities are carried out in subjects submitted to the IA (diagram 24), followed by analysis and correction of knowledge gaps through group and individual consultations.

- Schedules of additional classes are posted on information boards and on the college website. <https://www.zko-medcollege.kz/ru/studentu/grafik-konsultatsij-i-dopolnitelnykh-zanyatij/0303000-gigiena-i-epidemiologiya> SmartNation platform on the gradebook page.

- Monitoring of the effectiveness of educational services and student satisfaction (Diagram 20) is carried out on the basis of QMS 09 KP 01 "Consumer survey" according to the following criteria: organization of the educational process; the level of accessibility of educational and methodological literature; the level of accessibility to modern information technologies, satisfaction with equipping classrooms, laboratories with modern equipment, satisfaction with the recognition of success in educational, research and extracurricular (sports, cultural) activities, assessment of the moral and ethical atmosphere in college.

Strengths:

- 1) The main indicators of educational activity are monitored for college students: academic performance, quality of knowledge, attendance.
- 2) Leading teachers, together with the heads of departments and the deputy director for academic work for low-performing students, by disciplines draw up schedules for additional classes and retake.
- 3) The college monitors the effectiveness of educational services and student satisfaction

Conclusions of the EEC on the criteria. Out of 8 standards conform: fully - 7, significantly - 1, partially -0, do not correspond - 0

Standard 7: completed

Recommendations for improvement identified during the external visit:

- 1) It is recommended to develop a provision defining the procedure for preparation, quality assessment, development and examination of EP for social partners.

Standard 8: GOVERNANCE AND ADMINISTRATION

By the decree of the akimat of the EKR dated December 4, 2020 No. 282, a supervisory board of 5 members was created in the West Kazakhstan Higher Medical College LLP. The NS is a permanent collegial supervisory body that controls the activities of the executive body of the LLP. One of the methods of management in the college is the method of involving employees in management, which implies the creation of collegial management bodies in the college, empowered to make decisions on certain areas of the educational institution. In the WKHMC, such bodies are the directorate, the pedagogical council, and the methodological council. In the college, in order to implement and coordinate the maintenance of a quality assurance policy, a quality management system has been developed and implemented, which has been maintained in working order since October 2017 in accordance with ST RK ISO 9001-2016. A staffing unit of an expert in quality has been introduced and the college has contracts with 41 clinical bases for practical training and educational and production training, these are state organizations of the region, cities and villages, these are private pharmaceutical organizations, these are state institutions of the region.

Proof of:

- For the availability of information about the activities of the college, about the educational services provided to interested parties in the college, website <https://www.zko-medcollege.kz> in three languages (state, Russian in English), advertising videos on social networks, booklets for applicants, publication of articles about the college in the regional newspaper "Oral әңірі" and regional newspapers, scientific and practical medical journal "Ақzhaiyk әңірі medicine journals", feedback is provided for all categories of interested parties.

- The college is actively working with medical public organizations, the regional branch of the RO "Trade Union of Health Workers" Senim ", RO" Association of Secondary Nurses "Paryz". College teachers interact with the medical education department of the DNCHR MH RK, taking an active part in the development and promotion of clinical nursing guidelines, in 2019 2 trainers were trained to promote nursing guidelines.

- Memoranda of joint activities in the educational process were signed with the Asfendiyarov KazNMU No. 501 / 01.19, JSC "Kazakh Medical University of Continuing Education" No. - / 11-19, Agreement on cooperation between the West Kazakhstan Higher Medical College and JAMK University of Applied Sciences (Finland) from 25.12.2019 , Memorandum of cooperation with N. Lyapina Samara Medical College, dated 24.04.2018, West Kazakhstan Marat Ospanov State Medical University dated 27.10.2017, Lithuanian University of Health Sciences Kaunas No. BN18- 103 together with HD EKR. from 2018

Strengths:

- 1) Information about the activities of the college is available to all interested parties
- 2) The Medical College has contracts with 41 clinical bases for practical training and educational and production training, these are state organizations of the region, cities and villages, these are private pharmaceutical organizations, these are state institutions of the region.
- 3) Over the past 3 years, the college has been actively working with leading medical universities in the country.

Conclusions of the EEC on the criteria. Out of 2 standards conform: completely -2, significantly -, partially - 0, do not correspond - 0

Standard 8: completed

Recommendations for improvement identified during the external visit:

- 1) systematize the work of the QMS.

Standard 9: CONTINUOUS RENEWAL

The organizational structure and management system of the college functions effectively, allowing to achieve all the goals of the college. The organization of the educational process in the college is based on the State educational standards of education of the Republic of Kazakhstan and standard curricula.

Proof of:

- In the 3rd quarter of 2020, I passed the monitoring procedure of the KRIOR of the Ministry of Health of the Republic of Kazakhstan with the conclusion: all 31 criteria of the strategic plan were successfully implemented by the college.

- According to the results of an independent assessment of the knowledge of graduates of the NCIE RK, the indicator of knowledge of graduates in 2017 is 84%, in 2018 it is 88.1%, while the national average is 65%.

Strengths:

- 1) The management and the staff of the college have fulfilled all the planned results of the Strategic Plan of the College, the college strictly adheres to the fundamental programme documents of the Ministry of Health of the Republic of Kazakhstan in planning and implementing its activities
- 2) In the college, according to the results of an independent assessment of the knowledge of graduates, conducted by the NCIE RK, the indicator of knowledge of graduates is quite high

Conclusions of the EEC on the criteria. Out of 6 standards conform: completely -5, significantly - 1, partially - 0, do not correspond - 0.

Standard 9: completed

Recommendations for improvement identified during the external visit:

1. find funds to purchase and implement an electronic catalog;
2. introduce digitalization at the level of the educational and clinical centre (document flow, KZUN).









Thus, all 9 accreditation standards have been met, no inconsistencies in the fulfillment of the criteria of each of the basic accreditation standards in the process of analyzing the self-assessment report and conducting the examination as part of the tasks of the external peer review programme were found.

5. Recommendations for improved educational programme 0305000 "Laboratory diagnostics" West Kazakhstan Higher Medical College:

1. continue to work to provide quality educational services that meet the requirements and expectations of students and employers;
2. to increase the level of employment of graduates for continuous annual recruitment in the specialty;
3. to intensify vocational guidance work with entrants according to EP 0305000 "Laboratory diagnostics";
4. to introduce dual training on educational programmes 0305000 "Laboratory diagnostics";
5. attract students to develop research skills in special disciplines;
6. systematize sources of Internet resources and electronic databases for ease of use;
7. replenish and systematize the electronic database of test items for all EP;
8. continue work on replenishing and updating the library fund in the state and Russian languages, supplementing with electronic educational publications;
9. to equip and update the material and technical base with sports equipment, auxiliary and information and communication technical training aids;
10. find funds to purchase and implement an electronic catalog;
11. introduce digitalization at the level of the educational and clinical centre (document flow, KZUN).
12. systematize the work of the QMS.

5. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend the Accreditation Council to accredit the educational programme in the specialty 0305000 "Laboratory diagnostics" LLP "West Kazakhstan Higher Medical College" for a period of 5 years.

Председатель Внешней экспертной комиссии	Токбергенова Гульмира Тельмановна	
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Национальный академический эксперт	Кумарова Алтынай Балтабаевна	
Национальный академический эксперт	Абжанова Жанар Солтановна	
Национальный академический эксперт	Евдомашенко Тамара Витальевна	
Эксперт–представитель здравоохранения	Есляшова Дина Муратовна	
Эксперт–представитель студентов	Басеров Руслан Бектемирович	
Наблюдатель от ЕЦА	Умарова Макпал Альдибековна	

**Quality profile and criteria for external specialized assessment (generalization) of the
educational programme 0305000 "Laboratory diagnostics"
LLP "West Kazakhstan Higher Medical College" for compliance with the Accreditation
Standards**

standard	Criteria for evaluation	BS / SU	Total Standards	Evaluation			
				Totally coincides	Significantly meets the requirements	Partially compliant	Does not meet
1	MISSION AND END OUTCOMES	9/0	9	9			
2	EDUCATIONAL PROGRAMME	15/4	19	18	1		
3	ASSESSMENT OF TRAINEES	2/3	5	4	1		
4	TRAINEES	8/5	13	11	2		
5	TRAINERS	2/2	4	4			
6	EDUCATIONAL RESOURCES	8/5	13	9	4		
7	PROGRAMME EVALUATION	6/4	10	9	1		
8	GOVERNANCE AND ADMINISTRATION	6/6	12	10	1	1	
9	CONTINUOUS RENEWAL	1/3	4	3	1		
	TOTAL	57/32	89	77	11	1	

**Information about the number and category of participants in meetings, interviews, interviews
with members of the EEC (full lists are in the accreditation centre)**