

To the Accreditation Council of  
the Eurasian Center for Accreditation and Quality  
Assurance in Higher Education and Health Care  
January 15, 2023

**REPORT  
OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF THE  
EVALUATION OF THE "DEPARTMENTS OF ADVANCED TRAINING OF  
SECONDARY MEDICAL WORKERS WITH A REGIONAL SIMULATION  
CENTER" OF PSE ON REM "ZHAMBYL HIGHER MEDICAL COLLEGE"  
FOR COMPLIANCE WITH THE STANDARDS OF INSTITUTIONAL  
ACCREDITATION OF ORGANIZATIONS OF ADDITIONAL AND NON-  
FORMAL EDUCATION (CONTINUING PROFESSIONAL  
DEVELOPMENT)**

**external expert evaluation period: December 13-14, 2022**

**Almaty 2022**

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## LIST OF SYMBOLS AND ABBREVIATIONS

| Abbreviation        | Interpretation   |
|---------------------|--|
| ZHHMC               | Zhambyl Higher Medical College   |
| Asfendiyarov KazNMU | Kazakh National Medical University named after S.D. Asfendiyarov   |
| PSE on REM          | Municipal state enterprise on the right of economic management   |
| MoH RoK             | Ministry of Health of the Republic of Kazakhstan   |
| MES RoK             | The Ministry of Education and Science of the Republic of Kazakhstan  |
| HCD                 | Department of Health Care  |
| DoE                 | Department of Education  |
| SCEs                | State Compulsory Standard of Education   |
| DAT                 | Department of professional development   |
| RCC                 | Regional Simulation Center   |
| PC                  | Pedagogical Council  |
| MC                  | Methodological Council   |
| CMC                 | Cycle Methodological Commission  |
| CTT                 | Credit Learning Technology   |
| EMC                 | Educational and methodological complex   |
| KALIS               | Kazakh Automated Library and Information System  |
| IT                  | Information Technology   |
| MDL                 | Methodologist of Distance Learning   |
| DLT                 | Distance Learning Technologies   |
| QMS                 | Quality Management System  |
| MO                  | Medical organization   |
| PA                  | Public association   |
| ECAQA               | Non-profit institution "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care" |

## 1. Composition of the External Expert Commission

In accordance with ECAQA Order No.30 dated November 11, 2022, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external institutional assessment of the PSE on REM "Zhambyl Higher Medical College" of the Health Department of the Akimat of Zhambyl region in the period of December 13-14, 2022, as follows:

| Item No. | EEC Status                | Full name                            | Academic degree/title, position, place of work/place of study, course, specialty  |
|----------|---------------------------|--------------------------------------|---|
| 1        | Chairperson               | Alibayeva<br>Aigul<br>Serikpaevna    | Deputy Director for Academic Affairs of the Higher Medical College "Interdent"  |
| 2        | Foreign expert            | Tozhiboeva<br>Gulnora<br>Sheralievna | Assistant of the Department of "Nurses with Higher Education" of the Center for the Development of Professional Qualifications of Medical employees, Republic of Uzbekistan |
| 3        | Academic expert           | Kumarova<br>Altnay<br>Baltabaevna    | Deputy Director for Educational Work SPE on REM "Taldykorgan Higher Medical College"  |
| 4        | Employers' Representative | Baimukhanov<br>Farida<br>Sufkhievna  | The head of Nursing Service PSE on REM "Zhambyl Regional Multidisciplinary Hospital" HCD Akimat of Zhambyl region   |
| 5        | Student Representative    | Mukhanbetzhanova<br>Raushan          | Nurse of the day hospital PSE on REM "Zhambyl Regional Multidisciplinary Children's Hospital"   |

ECAQA observer – Umarova Makpal Aldibekovna, Head of Accreditation and Monitoring Department.

The work of the EEC was carried out in accordance with the Regulation on the EEC.

The EEC report contains the assessment of the "Department of Advanced Training of Secondary Health Care Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Health Department of the Akimat of Zhambyl region for compliance with the Standards of Institutional Accreditation of Organizations of Additional and Non-formal Education (Continuing Professional Development) (hereinafter referred to as the Accreditation Standards), the EEC recommendations for further improvement and recommendations for the ECAQA Accreditation Council.

## 2. General part of the final report

### 2.1 Presentation of the "Department of Advanced Training of Middle Health Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region

|  |  |
|--|--|
| Name of organization, legal form of ownership, bin | Municipal state enterprise on the right of economic management "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region, bin: 990240002413 |
| Control body                                       | Department of Health of Zhambyl region akimat  |
| Full name of the Chief                             | Sarybekova Zhamilya Nurgalievna  |

|   |   |
|---|---|
| Executive Officer   |   |
| Created on  | 12 February 1936  |
| Location and contact details  | Republic of Kazakhstan, Zhambyl region, 080000, Taraz, Nietkaliev str. No.20, building "A"; Pushkin str. No.24, building "B", 87262-450320  |
| State license for educational activities - date, number (if applicable)   | 04.06.2019 No. KZ31LAA00016230  |
| Information on branches, subsidiaries (if any)  | -   |
| Year of commencement of <b>additional and non-formal education programmes</b> , total number of programmes and number of students | By the orders of MoH RoK No.11 of January 6, 1994 and the Department of Health of Zhambyl region No.3 of January 3, 1996, a department of advanced training (hereinafter referred to as DAT) and retraining of secondary medical and pharmaceutical workers was organized.<br>The total number of additional education programmes is 90, with a volume of 60, 120 hours.<br>The total number of non-formal education programmes is 5, with a volume of 36 hours.<br>Total number of trainees prepared:<br>from 1996 to 2022, 34,451 nurses underwent advanced training, including 200 retraining courses and 114 mentors. |
| Number of students this year  | 424   |
| Full-time teachers/ part-time students involved in the implementation of additional education programmes, incl. % of degree       | The total number of teachers is 265, including full-time - 151, part-time - 114.<br>Degree, % - 19.2%<br>Categorization, % - 57.61%   |
| The presence of a unit responsible for the educational process in additional and non-formal education                             | Name: Departments of Advanced Training of Secondary Medical Workers with q Regional Simulation Center.<br>Established: 3 January 1996<br>Manager:<br>director for Coordination – Beisenbayev Bakhit Sakenovich  |
| Number of scientific projects in 5 years  | 7   |
| Number of international treaties in 5 years   | 2   |
| Site<br>Instagram<br>Facebook with active pages   | <a href="https://hmc.zhambyl.kz/en/">https://hmc.zhambyl.kz/en/</a><br>Instagram: zhmk_zhambyl.kz   |
| Information on accreditation as a medical organization (date, number, period)   | Institutional accreditation of the college and specialized accreditation of educational programmes: 0301000 "General Medicine", 0302000 "Nursing", 0306000 "Pharmacy" was held in 2018. Certificates were received on January 29, 2018 for a period of 5 years (29.01.2018 - 27.01.2023).   |

## **2.2 Information on previous accreditation**

To date, the accreditation of educational activities of the "Department of Advanced Training of Secondary Medical Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region has not been carried out.

## **2.3 Conclusion on the results of reviewing the report on institutional self-assessment "Departments of Advanced Training of Secondary Medical Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region for compliance with the Standards of institutional accreditation of organizations of additional and non-formal education and conclusions.**

The report on the institutional self-assessment of the "Department of Advanced Training of Medics with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Health Department of the Akimat of Zhambyl region (hereinafter referred to as the report) is presented on 76 pages of the main text, annexes of copies or electronic versions of documents on 257 pages located at <https://cloud.mail.ru/public/sLEm/JnfaZJ1sy>.

The report is characterized by the completeness of responses to all 9 main accreditation standards and criteria, structured taking into account the recommendations of the Guidelines for Institutional Self-Assessment provided by the PSE on REM "Zhambyl Higher Medical College" Department of Health of the Akimat of Zhambyl region by the accreditation center - ECAQA, as well as internal unity of information. The report is accompanied by a cover letter signed by the director of the college Sarybekova Zhamila Nurgaliyevna, which confirms the reliability of quantitative information and information included in the self-assessment report.

The report contains a list of 18 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for conducting the institutional self-assessment: Zhasuzak Meirzhan Kuanyshuly – head of the advanced training department.

The institutional self-assessment of the PSE on REM "Advanced Training Department for Middle-Scale Medical Workers with a Regional Simulation Center" of Zhambyl Higher Medical College was carried out on the basis of the Order of the Director No. 393-n/c dated May 20, 2022. On Approval of the Composition of the Working Group on Self-Assessment and Preparation for Institutional Accreditation of the Department for Advanced Training of Secondary Health Care Workers with a Regional Simulation Center.

The report was reviewed by accreditation experts: Alibaeva Aigul Serikpaevna - Deputy Director for Academic Affairs of the Higher Medical College "Interdent", Kumarova Altynay Baltabaevna – Deputy Director for Educational Affairs SPE on REM "Taldykorgan Higher Medical College", Tozhiboeva Gulnora Sheraliyevna – Assistant of the Department "Medical Nurses with Higher Education" of the Center for the Development of Professional Qualifications of Medical Workers, Republic of Uzbekistan. The reviews noted the strengths and areas for improvement, as well as recommendations for additions and changes, which, in the process of feedback from the representative of the educational organization, were taken into account and appropriate changes and additions were made to the self-assessment report.

All standards give the real practice of organization of education on training of trainees on programmes of additional and programmes of non-formal education. The description in the self-assessment report is quite complete and updated in terms of the number of students, teachers, administration, information on selection and admission, learning outcomes, results of knowledge and skills assessment. Included information on its own material and technical base with a total area of 5852.1 m<sup>2</sup>, as well as third-party clinical bases (18 in total), contractual obligations with partners (trust management agreement Asfendiyarov KazNMU No. 24692-ETP dated March 5, 2021 (subclause 20) item 3.2), agreement on cooperation with medical organizations of the city of Taraz and Zhambyl region), financial information, plans for development and improvement, etc.

The report is presented in ECAQA in a completed form, with correction of the data on the above recommendations, written in a competent language, the wording for each standard is clear and understandable and described in accordance with the criterion of standards, tables and figures (diagrams, photographs) contain references in the text and have end-to-end numbering.

The quality of the institutional self-assessment report served as the basis for moving to the next stage of the accreditation procedure – external assessment. Experts plan to validate the report data, compare the information from the report with the information that will be obtained during the visit to the educational organization, i.e. verification of quantitative and qualitative indicators.

### 3. Description of the external peer review

External expert work within the framework of the institutional assessment of the "Department of Advanced Training of Middle Health Care Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Akimat of Zhambyl region was organized in accordance with the Guidelines for the external evaluation of educational organizations and educational programmes ECAQA and in accordance with the programme approved by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the director of the college Sarybekova Zh.N. Date of visit to the organization: December 13-14, 2022.

The external evaluation is aimed at validating the data of the institutional self-assessment report and verifying indicators indicating the degree of compliance with the criteria of accreditation standards.

The sequence of the visit for 2 days is presented in detail in the Visit Programme (hereinafter referred to as the programme), which is contained in the documentation of the accreditation center. The programme is proof of the implementation of all planned activities as part of an external peer review.

To obtain objective information, the EEC members used the following methods and their results:

- interviews with management and administrative staff – 11 people;
- meeting with listeners – 13 people;
- exploring the website <https://hmc.zhambyl.kz/en/>
- interviewing 8 employees, 15 teachers;
- questionnaires of teachers and students – 17 people and 20 people, respectively;
- monitoring of students' training: attendance at the 6-hour practical lesson of teacher Turmysova F.D. on the topic "Breastfeeding", which was held in the preclinical practice office in DAT with the RCC, 8 students were present;
- review of resources in the context of implementation of accreditation standards: 4 practice/clinical training bases were visited: SPE on REM "City Multidisciplinary Hospital", SPE on REM "Zhambyl Regional Multidisciplinary Children's Hospital", SPE on REM "City Polyclinic No.5", SPE on REM "Zhambyl Regional Multidisciplinary Hospital", where additional and non-formal education programmes (continuing professional development) are taught with the participation of full-time teachers and part-time employees;
- study of educational and methodological documents - 24 units both before the visit to the organization and during the visit to the units (the list of studied documents in **Attachment 2**).

The staff of the accredited organization ensured the presence of all persons indicated in the visit programme and on the lists of interviews and interviews (Table 1).

**Table 1. Information on the number and category of participants in meetings, interviews, interviews with EEC members**

| <b>№</b> | <b>Name</b>                      | <b>Position</b>                             |
|----------|----------------------------------|---|
| 1        | Sarybekova Zhamilya Nurgaliyevna | director                                    |
| 2        | Kuanyshbekova Lazzat Turarkyzy   | deputy Director for Educational Work        |
| 3        | Andakulova Kuralai Tleulesovna   | deputy Director for Training and Production |



|    |                                      |  |
|----|--------------------------------------|--|
| 4  | Beisenbayev Bakhit Sakenovich        | director for Coordination                                    |
| 5  | Zhasuzak Meyirzhan Kuanyshuly        | head of DAT with RCC   |
| 6  | Bisakova Ulbolsyn Nurbolatovna       | methodist  |
| 7  | Urkimbaeva Dinara Berdalievna        | distance Learning Methodist                                  |
| 8  | Myrzagulova Zhanat Bekmukhanovna     | teacher  |
| 9  | Bakhaeva Aaym Danibekovna            | teacher  |
| 10 | Yerzhanov Bauyrzhan Tyshtykbaevich   | coach  |
| 11 | Turmysova Farida Dosmukhambetovna    | teacher  |
| 12 | Abildayev Nurlan Shadykhanuly        | chief Physician SPE on REM "City Multidisciplinary Hospital" |
| 13 | Rapilbekova Gulzhakhan Seisenbayevna | Chief Physician SPE on REM "City Polyclinic No.9"            |
| 14 | Moskalenko Elena Anatolyevna         | Deputy Chief Physician for Nursing "City Polyclinic No.5"    |
| 15 | Timina Elena Alexandrovna            | Chief Nurse SPE on REM "City Polyclinic No.7"                |
| 16 | Argynbekova Tolkyn Tishibayevna      | head of Human Resources                                      |
| 17 | Umirzakova Botagoz Markovna          | chief Accountant   |
| 18 | Kamila Bostanova                     | economist  |
| 19 | Zhanar Lepesovna Shuzheeva           | head of Registrar's Office                                   |
| 20 | Duysembaeva Ulzhan Yernazarovna      | Responsible teacher for RW                                   |

On the last day of the visit to the organization, a meeting of EEC members was held on the results of an external evaluation. EEC members have started designing the final EEC report. The results of the external evaluation were summarized. The experts individually completed the "Institutional quality profile and criteria for external institutional evaluation of the" Departments of Advanced Training of Secondary Medical Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region for compliance with ECAQA accreditation standards. No comments were made by the members of the EEC, recommendations were made to improve the activities of the "Department of Advanced Training of Middle Health Workers with a Regional Simulation Center". At the end of the EEC meeting, the Chairperson Alibayeva A.S. conducted a final open vote on the recommendations for the ECAQA Accreditation Council on the accreditation period.

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 the team, the prompt provision of information to the members of the EEC, which was evidence of cohesive teamwork and systematization of document management.

When conducting a survey of students on December 14, 2022 (the number of respondents was 20), the work of the External Expert Commission on Accreditation was assessed as positive - 90.3% by respondents; as satisfactory – 9.7%. The majority of respondents (90.3%) believe that it is necessary to accredit the organization of education or educational programmes.

***According to 82.4% of teachers (number of respondents – 17 respondents), the questionnaire conducted by ECAQA is useful for developing recommendations for improving the key areas of activity of the accredited educational organization.***

At the end of the programme of the visit, the EEC chairperson announced recommendations for the management and employees of the educational organization on the results of an external assessment within the framework of institutional accreditation.



#### **4. Analysis for compliance with accreditation standards based on the results of an external assessment of the "Department of Advanced Training of Middle Health Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region**

##### **Standard 1: MISSION AND END OUTCOMES**

###### **Evidence of compliance:**

###### **1. Mission.**

When implementing the activities of the visit programme, namely, following an interview with the first head of the organization, members of the advisory body (write the exact name of the council), in interviews with students and teachers, compliance with the criteria of **standard 1** was established.

The mission and vision of PSE on REM "Zhambyl Higher Medical College" are an integrating link in the work of the college, on its basis priorities, strategic goals and objectives are determined, the activities of all structural units are planned and organized, prospects for further development are developed, and the tasks of developing the national system of medical education are consistent.

The mission is posted on the college website <https://hmc.zhambyl.kz/ru/> in the state and Russian languages. All participants in the educational process know the mission of the organization of education, took part in the formation of proposals for the formulation of the mission, while the mission was brought to the attention of students through the website, social networks, information letters to medical organizations. On the basis of the Mission, the main strategic goals and objectives were determined, the College Development Programme for 2021-2025 was approved, taking into account the priorities, requirements and features of the RoK health care system.

Experts got acquainted with the College Development Programme (strategic plan), which includes 6 main directions, which confirms the implementation of the accreditation standard and demonstrates the goals, objectives and prospects of the organization:

1) Improvement of the content of training specialists in the implemented programmes; 2) Measures for the implementation of the Roadmap for a comprehensive plan for the development of nursing; 3) Development of a system for assessing the quality of education and the demand for graduates); 4) Training and formation of professional and pedagogical culture of college employees; 5) Modernization of the material and technical base of the college; 6) Improvement of information support for all areas of activity.

From interviews with 20 students, it was found that before the start of classes, teachers inform about the mission, work plans of the organization of education, tell where to get the necessary information about the educational programme, teachers, training bases and the main goal of the activities of the DAT department with the regional simulation center (RCC).

The mission of the College reflects the inseparable combination of three markets: the market of new knowledge, educational services and labor. The development of the College is inextricably linked with the development of personnel potential, innovative processes, expansion of scientific contacts with other educational organizations of secondary and higher medical education. Social partnership with medical organizations of the city and region.

The college has a department "Departments of Advanced Training of Secondary Medical Workers with a Regional Simulation Center", which can be noted as the best practice in education.

This conclusion is made, since the continuous education of personnel to provide medical care to the population, to improve the skills of specialists, to improve their professional knowledge and skills is clearly demonstrated.

The results of the study of the documentation demonstrate that the educational process is built in accordance with SCEs and current regulations (NLA) in additional education and health care. The development department has all the resources necessary to develop competencies and achieve the final results declared in the mission in accordance with national and international requirements and the needs of the health sector.

## **1.2 Professionalism and professional autonomy.**

The training of professional development specialists contributes to professional search. The material and technical base is quite modern, the balance has its own simulation equipment, and the team regularly introduces specific teaching methods, for example, a patient-oriented approach taking into account the specifics of various diseases. *During the survey, the participants noted sufficient time for practical training (patient supervision, clinical rounds, clinical debriefings, etc.) – 95%.* The high level of specialists, including those involved from practical health care, contributes to the qualitative presentation of educational services.

To verify **Standard 1**, a meeting was held with the college director. During the interview, the experts asked the following questions: 1. Are there financial risks? 2. How is the knowledge and skills of teachers and clinical mentors analyzed for compliance with the goals and objectives of the training programme? In the course of the responses, the Director of the organization confirmed that: 1. There are financial risks, but they are manageable. 2. Based on the results of reporting activities and certification of TS and mentors.

When conducting a survey of 20 students (on the resource <https://webanketa.com/>), out of 23 questions, a number were devoted to the quality of the educational process and the variety of training programmes. It is established that 100% of students will recommend studying in this educational organization to their friends, acquaintances, relatives, 100% of respondents believe that managers and teachers are aware of the students' problems related to training. To the question "Do you think this educational organization allows you to improve the necessary knowledge and skills in your specialty?", 100% of the students answered positively. Students believe that this educational organization acquires the necessary knowledge in the specialty and they are impressed by the powerful material and technical base.

*The respondents 17 teachers (26 questions of the questionnaire) also answered that 82.35% of respondents are satisfied with the organization of work and workplace in this educational organization, and 11.76% partially agree with this statement. Experts have determined that the college has a healthy microclimate, since the head is quite accessible to both students and employees, responds promptly to applications and proposals. In the survey, 70.6% of teachers are satisfied with the microclimate of the organization, and 17.65% of respondents are satisfied with the microclimate in the team. According to 88.24% in the organization of education, the teacher has the opportunity to be realized as a professional in his specialty. Of the 17 respondents (40 in total), pedagogical experience: up to 5 years – 11.76%, up to 10 years – 35.29%, over 10 years – 52.95%.*

## **1.3 Learning outcomes**

The educational programme of additional education contains a list of final results, and students are aware of them from the first days of classes. Students are also informed about the skills they will acquire or improve during refresher cycles. All programmes are competence-based.

*Of the teachers interviewed by experts, 35.3% are fully satisfied with the level of previous training of students, and 64.71% are partially satisfied.*

The experts established a clear continuity between the final results of previous training and the programmes of continuing professional development offered in the accredited educational organization.

*58.8% of respondents believe that students have a high level of knowledge and practical skills after completing the training programme, and 41.2% partially agree with this.*

## **1.4 Participation in the formulation of the mission and deliverables.**

The development and approval of the college's mission, including the supplementary education sector, is carried out in accordance with the existing procedure, ensuring the involvement of all stakeholders in the planning and implementation of the decisions taken.

The mission formulated and determined the final results of training under the programme of additional education, taking into account the proposals of such interested parties as the Public Association "Professional Association of Nursing Specialists of Zhambyl Region", employers of

students, administration of clinical bases, as there is a shortage of qualified personnel with secondary medical education in the country.

At the same time, when talking with students and employers, experts, a clear answer was received to the question “Do you participate in the formulation of the mission and goals of the organization, the educational programme?”, “What personal contribution, for example, of listeners to the improvement of content, teaching methods?”. 85% answered positively to these questions, and 95% of employers answered that the mission is formulated taking into account the requirements and peculiarities of the RoK health care system.

**Conclusions of the EEC on the criteria:** comply with 11 standards: fully – 11, partially – 0, do not comply – 0.

**Standard 1: Implemented.**

**Recommendations for improvement identified during the external visit: none.**

## **Standard 2: EDUCATIONAL PROGRAMME**

### **Evidence of compliance:**

#### **2.1 Model of educational programmes of additional and non-formal education**

Educational programmes of the cycles of advanced training of nurses are drawn up on the basis of regulatory legal acts.

For the implementation of educational programmes of additional and non-formal education, the organization's documents include: a work plan, DAT provisions, work programmes for cycles where the goal is defined, the integration of practical and theoretical components, and materials for independent work are taken into account. Compliance with the Standard Programmes and Standard Requirements has been established. The work programmes of the cycles indicate the basic and professional competencies, the achievement of the main results when studying this course, which the student will receive.

During the external visit of the college, a practical lesson was attended by teacher Turmysova F.D. on the topic "Breastfeeding" (6 hours), held as part of informal training. Experts received convincing data that the training is carried out according to the plan, before the start of the lesson, students answer test tasks, role-playing games are played, receive feedback from the teacher, have the opportunity to improve skills in patronage of newborns.

The College ensures compliance with ethical aspects in the implementation of educational programmes. Thus, the experts studied the College Code of Ethics dated April 22, 2021, and during the interview, the students answered questions about the awareness and content of this document.

The analysis of the educational activity of DAT showed that the scientific basis and all the achievements of science in medicine in the disciplines were taken into account, additions were made to the bibliography of EMCD and syllabuses. Teachers are actively used in EMCD classes, which are considered at CMC meetings and agreed with employers. Self-study of students is represented by abstracts, essays, presentations on topics.

Some of the educational programmes are conducted in an online format on the Moodle platform to provide training without limiting work at the place of main activity. The procedure for informing students about their rights and obligations, as well as interaction between themselves and teachers, is reflected on the college website under the heading “Advanced training” <https://hmc.zhambyl.kz/ru/> and is carried out through direct correspondence with medical organizations (place of work of students).

Supplementary education is the main component of the process of continuous improvement of knowledge and skills of specialists in secondary health care and post-secondary education. This approach is in line with international principles of professional development and the European Higher Education Area. (ESG 1.2). Therefore, in order to adapt the training to the needs of individual students, applications are accepted from medical organizations and from nurses. Every year, on the basis of applications from medical and non-medical organizations, the DAT methodologist develops a calendar and thematic work plan for the next year. After that, teachers

and representatives of practical health care develop advanced training programmes that are examined, agreed with the EMO "Continuing professional Development" and approved by the Union of Medical Colleges RoK. Then the programmes are agreed by employers (employer feedback) and approved by the director of the college.

## **2.2 The scientific method.**

Students of the college have access to updated reliable data and evidence, research results and practical experience through the Aknurpress electronic library at the link: <https://aknurpress.kz/>. The listener can find the necessary educational literature by name of the author, name, discipline and by keywords.

The electronic library of the college is divided into areas: medical, humanitarian, technical. There are textbooks in Kazakh, Russian and foreign languages. In the electronic library – 2027 copies. textbooks, of which 628 copies. medical books (304 copies). - on the state, 301 copies. - in Russian and 23 copies in English). The number of readers registered in the electronic library "Aknurpress" - 2970, the number of book views per year - 4613 and the number of book searches - 9194.

When surveying students on December 14, 2022, *it was established that in the organization of education there is access to the participation of students in research work and 30% of people are fully satisfied with this, 35% are partially satisfied, 35% are not satisfied.*

The educational programmes "Basic Life Support (BLS)" (54 hours/1 week) for paramedics of Zhambyl region ambulance stations include the scientific foundations and methodology of medical research. During the conversation with the students, the experts learned that the trainers of the college Dauletov a.m. and Tazhikulov M.B. use international data in training, know the basics of international guidance on supporting life in case of trauma at the prehospital stage. After completing the training, the students confirmed their skills in providing basic and advanced cardiopulmonary resuscitation in terminal conditions, knowledge of safety for themselves and others when using a defibrillator. Classes were held at the clinical station "Emergency care for sudden cardiac arrest (cardiopulmonary resuscitation)".

Tracking of new scientific data is reflected in a regularly updated bibliographic list, which is compiled for work programmes of advanced training.

When developing advanced training programmes, information obtained during the implementation of scientific projects is used. For example, the advanced training programme "The role of a mentor in the training of an average medical worker" included the results of the research project "Improving the competence approach in the training of bachelors of nursing", which was performed by Sarybekova Zh.N., Master of Pedagogical Sciences and Management in Health Care.

Materials of the scientific work of the Master of Management in Health Care Kuanyshebekova L.T. on the topic "Modern approaches to improving the development of nursing in RoK" were used in the following educational programmes: "Modern aspects of nursing", "Organization of nursing for the purpose of patient safety", "Manager - head of nursing service", "Management in nursing", "Mentor training programme", "Universal-progressive model of the patronage service of pregnant women and young children".

The content of the educational programme "Manager - Head of Nursing Service" was compiled on the basis of the data of the research work "Optimal options for solving key issues of health care reform from the point of view of satisfaction of consumers of medical services and employees of the industry", performed by the teacher, Master of Management Kokanova A.Zh. The same programme includes the results of scientific work of teachers Toktasheva Zh.A. (research topic "Improvement of the personnel management system of a medical organization") and Baibulekova A.R. (research topic "Optimization of training of management personnel of nursing services in the context of health care reform").

When implementing non-formal education programmes, teachers systematically use data from reliable sources of information, as well as clinical nursing guidelines, as the best world practices that are also used in the implementation of scientific projects.

## **2.3 Content of programmes of additional and non-formal education and their interrelation**



### **with the provision of medical care**

Training of students is carried out both at additional education programmes and through informal events (short-term cycles, master classes, seminars). 691 11.11.2009 Order of the Acting Minister of Health of the Republic of Kazakhstan of November 11, 2009 No. 691 "About approval of Rules of advanced training and retraining of medical and pharmaceutical personnel, and also qualification requirements to the organizations implementing programmes of additional medical and pharmaceutical education" for the period from 2017 to 2019 49 educational programmes with duration of training from 54 to 108 hours were developed and implemented.

In 2020, this order lost its force, so the educational programmes were updated in accordance with the order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-303/2020 "On approval of the rules for additional and non-formal education of health professionals...".

Experts obtained evidence that educational programmes were updated and adjusted taking into account the opinion of employers. This is confirmed at meetings with them, after which all educational programmes were examined, approved and approved in EMO (see Table 2).

**Table 2. The number of developed educational programmes of additional and non-formal education for the period from 2017 to 2022**

| <b>№</b> | <b>Year</b> | <b>Number of educational programmes</b> |
|----------|-------------|---|
| <b>1</b> | 2017        | 31                                      |
| <b>2</b> | 2018        | 32                                      |
| <b>3</b> | 2019        | 53                                      |
| <b>4</b> | 2020        | 45                                      |
| <b>5</b> | 2021        | 52                                      |
| <b>6</b> | 2022        | 52                                      |

The analysis of the development of educational programmes shows the quantitative growth and interest of students in them.

Every year, the work schedule is coordinated with the heads of personnel departments of medical organizations in order to update the most necessary advanced training programmes. In addition, every year the heads of medical organizations submit applications for the number of students for each cycle, respectively, thus forming a schedule of relevant educational programmes. If there is a need for training from employees on a cycle that is not included in the approved plan, the schedule has the opportunity to apply for unscheduled training of medical workers. In this case, the educational organization develops an unscheduled programme, which is also sent for examination and, after approval and approval by the Union of Medical Colleges, RoK has the right to conduct a training programme that is not included in the schedule.

During the visit, the experts got acquainted and especially noted the following educational programmes, which cause the greatest demand among students in the amount of 90 to 120 hours on the topics:

- 1)"Organization of nursing for the safety of the patient";
- 2)"Communication and Conflict Management";
- 3)"The role of a mentor in the training of a nursing worker";
- 4)"Integrated management of childhood diseases";
- 5)"Fundamentals of Medical Rehabilitation";
- 6)"The work of the nurse of the education system";
- 7)"Work of the midwife of the examination room";
- 8)"Emergency care for acute forms of coronary heart disease (CHD), cerebral stroke. Fundamentals of electrocardiography";
- 9)The Role of Nursing in the Primary Health Care (PHC) System. Innovative technologies of nursing. New indicators";

- 10) "Management of pregnancy and childbirth in some types of extragenital pathology";
- 11) "Management of patients with respiratory diseases at the PHC level (pneumonia, chronic obstructive pulmonary diseases, bronchial asthma)",
- 12) "Nursing care for patients with acute respiratory failure, including COVID-19",
- 13) "Providing medical care in case of injury and accidents."

In total, since 2020, 90 additional education programmes have been developed, each of which in the amount of 60 to 120 hours, there are 5 non-formal education programmes in the amount of 36 hours.

For example, the First Aid programme is drawn up on the basis of proposals from interested parties (medical practitioners, employers) and is used to train paramedics so that they can provide first aid without having a medical education.

At the clinical stations of the simulation center, 386 paramedics were trained (drivers of the CDH ambulance station, employees of the RSD "Emergency Management of the city of Taraz", the border department of the Zhambyl region, the operational rescue detachment), while the training was carried out on the basis of an individual plan.

Teachers provide students with methodological and didactic material, additional literature for preparation for classes. Students of advanced training programmes are provided with methodological materials in sufficient quantity, which were provided for study. *Of the listeners surveyed on December 14, 2022, 90% are fully satisfied, one 10% are not satisfied with the security.*

Training takes place in multidisciplinary clinics, and staff coordinate training at these clinics to ensure that trainees receive adequate training in various aspects of the relevant field of medicine. During the external visit, experts visited 4 clinics equipped with simulators and dummies. Experts demonstrated 18 contracts concluded by the college with medical organizations. In addition, a contract of trust management of state property No. 24692-ЭТII with Asfendiyarov KazNMU was recently signed, which expanded the college's capabilities for the purchase of equipment, including for additional education programmes.

Experts found that the question of the questionnaire *"Is there enough time for practical training (patient supervision, etc.)"*, 75% of students answered with full consent, 20% partially agree, 5% disagree. At the same time, 90% of students say that after the completion of classes, the teacher conducts feedback (listens to your opinion, conducts a mini-questionnaire, works on mistakes). To the question *"Are representatives of students involved in the development of educational programmes?"*, the experts received positive answers during the interview. The majority (90%) of the enquired students are fully satisfied with the schedule of training sessions, partially satisfied – 10%.

The management of the educational process reflected in the self-assessment report (**Standard 2**) and the general approaches to management were confirmed when visiting the training department and talking with the manager and employees. At the same time, the verification of **Standard 2** showed that there are control and measuring tools for assessing the basic, current and final control of students.

The experts got acquainted with the work of the units, including the practical building B and the regional simulation center. In total, 7 meetings were held and during the cross interview, it was established that in 2022, teachers Zhasuzak M.K. and Ziyabekova D.A. compiled new advanced training programmes on the topics: "Nursing competencies in dermatovenerology" (120 hours/4 credits), "Work of a nurse of a centralized sterilization department" (60 hours/2 credits), "Children's massage" (60 hours/2 credits). The programmes were approved at the meeting of the Educational and Methodological Association "Continuing professional Development" of the Union of Medical Colleges of Kazakhstan.

During the conversation with the students and when attending the simulation classes, the experts saw that the college contributes to the development and improvement of the practical competencies of nursing specialists, including at the practical stations of the regional simulation center:



- 1 – station: "Provision of medical care (prehospital) in case of injuries"
- 2 – Station: Procedural Skills
- 3 – station: "Provision of medical care (prehospital) in case of sudden cardiac arrest"
- 4 – station: "Treatment of wounds"
- 5 – station: "Stopping external bleeding"
- 6 – station: "Provision of medical care (prehospital) in case of shocks"
- 7 – Station: "Practical Skills Training Room"
- 8 – station: "Communication skills to explain medical manipulation"

At the same time, students deepen their theoretical knowledge, develop communication skills.

*Of the 20 surveyed students, 85% answered that teachers in the classroom use active and interactive teaching methods quite often, 10% believe that sometimes.*

**EEC Conclusions on Criteria.** Compliant with 13 standards: fully - 13, partially - 0, do not comply - 0.

**Standard 2: Implemented.**

**Recommendations for improvement identified during the external visit:**

1. Plan integrated training programmes together with Asfendiyarov KazNMU on topical topics for students of additional and non-formal education to meet the needs of practical health care.

### **Standard 3: ASSESSMENT AND DOCUMENTATION**

#### **Evidence of compliance:**

##### **3.1 Evaluation methods**

The study of control and measuring tools (tests, presentations, essays, defense of abstracts) showed that the college has introduced a proper evaluation policy that allows a versatile assessment of the students' academic achievements. During the interview, the listeners talked about the forms of assessment, the solution of situational problems, role-playing games with a standardized patient, the compilation of an algorithm of action in a given situation and that they are satisfied with everything. Students receive regular feedback from teachers.

Thus, to verify the data of **Standard 3**, experts asked questions to the head of DAT Zhasuzak M.K. on the methodology for assessing listeners. There are test assignments for each advanced training programme in the amount of 15 (in blank and electronic format), which were drawn up and approved at the meeting of special disciplines of the Cycle Methodological Commission (CMC), Minutes No.1 dated August 29, 2022. In addition, to assess the final level of students, there are 52 situational tasks and 52 checklists, respectively.

Ongoing and final monitoring is also used to assess non-formal education. Depending on the non-formal education programme, different monitoring methods are used. For example, for the programme "Training of persons without medical education (paramedics) in first aid", the final control is carried out at clinical stations with the involvement of standardized patients and filling out assessment sheets for stations.

Since 2019, the college has a **department of knowledge quality and monitoring** (test center). When reviewing the resources of the test center, experts were shown materials for assessing the basic, current and final control of students. Monitoring of the educational process is carried out on the MOODLE platform. Achievement, quality of knowledge, attendance of students is reflected in electronic journals.

In an interview with DAT methodologist U.N. Bisakova, the commission made sure that the documentation system is transparent and accessible to all and includes: annual operational plans, annual reports, subdivision regulations, contracts with teachers and students, a code of ethics, mutual attendance sheets, cycle schedules, attendance logs, and educational and methodological documentation (work programme, work curricula, syllabuses, magazines), evaluation tools (checklists, sheets), certificates, certificates and certificates.

For students, educational and methodological complexes have been created on the topics, which include the following: advanced training programme; syllabuses; lectures; tests; situational tasks; control questions; check - sheets; SOPs and action algorithms, etc.

The review of the website showed that on its pages there is information on the organization of DAT cycles, which is regularly updated, all the documents necessary for students are posted: EMC, calendar-thematic plans for advanced training of nurses on a budgetary and paid basis, in the state and Russian languages, approved by the director of the college. This information was obtained during an interview with the online training methodologist Urkimbayeva D.B.

The college has a system of appealing the results of the assessment of students, which is reflected in the following documents: Order No. 481-n/k of 31.08.2021 on approval of the "Appeal Commission", "Regulation on the organization of the educational process on credit technology" dated 31.08.2019. During the period of operation of DAT, there were no precedents for appeal.

The results of the current assessment of students are documented by the teacher of the discipline in the log of attendance and academic performance. Members of the examination commission are provided in advance with a discipline assessment scale, which contains a description of the levels of demonstrated learning outcomes and the corresponding assessments. All score sheets are stored in the trainees' folders (portfolio) along with the rest of the documentation.

The final results of the assessment of professional preparedness (final certification), taking into account the appeal, are displayed in the personal account of the trainee in the informatized system - ISO and are provided to health education organizations in the form of a consolidated protocol of evaluation results.

According to the results of interviews with teachers Myrzagulova Zh.B., Ziyabekova D.A., Turmysova F.D., Bakhaeva A.D., information was obtained regarding the quality of evaluation methods. The evaluation system is constantly being improved in accordance with the requirements of ethical and deontological norms, regulatory documents, taking into account the requirements of health care.

Students and teachers shared their opinion on the timeliness of the tests, counseling before the tests and certification exam, the clarity of the entire assessment procedure and its fairness.

Assessment of the effectiveness of educational programmes is carried out by the students themselves through a questionnaire or during an open discussion, control of the initial level of knowledge, milestone and final control – a method of testing, demonstration of practical skills. For example, the students told that in the classes in the department, various methods of assessing competencies are used, including solving situational problems, role-playing games with a standardized patient, compiling an algorithm of action in a given situation.

Assessment of independent work of students is carried out through the protection of abstracts, presentations, essays.

During the visit to the organization, the management was asked questions: "Are external examiners involved in order to improve the fairness, quality and transparency of the evaluation process?", to which positive answers were received.

The experts were presented with lecture materials, presentations, videos on the most popular in 2021-2022. 24 topics, including: "Emergency pre-medical care at the prehospital stage", "Topical issues of anesthesiology and intensive care", "Nursing care for patients with acute respiratory failure, including COVID-19", etc.

During the external visit, material resources were inspected to organize an assessment of knowledge and practical skills (5 stations). Employees demonstrated multifunctional dummies with software: imitation of childbirth (childbirth and newborn) Smart Mom Basik, for resuscitation (CPR) and intubation care (M)x1, for care and monitoring of the newborn.

When conducting interviews with employers: Chief Physician of SPE on REM "City Polyclinic No.9" Rapiibekova G.S., Deputy Chief Physician for Nursing SPE on REM "City Polyclinic No.5" Moskalenko E.A., Chief Nurse of SPE on REM "City Polyclinic No.7" Timina E.A., experts received reliable answers to questions that indicated good training of students,

constant analysis and monitoring of the educational process in accordance with health requirements, regulatory documents.

Employers believe that such skills as communication and practice orientation, they wanted to see the strongest.

### **3.2 Documentation OF additional and non-formal education**

Every year, the "Regulations on the Department of Advanced Training with a Regional Simulation Center", work plans are updated, which are approved by the director of the college Sarybekova Zh.S.

Quarterly reports are submitted to the Department of Health of the Akimat of Zhambyl region, which contain information on the number of public services provided "Number of persons who have completed advanced training courses on the provision of public services". This information was provided by the chief accountant Umirzakova B.M.

The head of the department Zhasuzak M.K. and methodologist Bisakova U.N. forms a calendar and thematic plan based on the analysis of the needs of the labor market, taking into account the requests of employers, the requirements of external regulatory documents and the needs of practical health care specialists. The evidence is provided in Attachment 10 of the DAT Institutional Self-Assessment Report.

DAT has a system of monitoring and document circulation, which includes the following list: Orders for enrollment and expulsion of students; Log of registration and issuance of certificates; Log of attendance and performance of students; Log of issuance of duplicate certificates; Log of registration and issuance of certificates of non-formal education; Schedule of classes; Agreements with organizations on the provision of additional educational services; Certificates and certificates of completion of refresher courses; Examination sheets.

When enrolling in courses for each student are registered: copies of identity cards, diploma, specialist certificate, personal card, cooperation agreement on advanced training with individuals. The listener fills out a personal card, statements and a bilateral agreement for inclusion in the database, for information about the place of work and the position of the trainer, contact details. (The evidence is provided in Attachment 11 of the DAT institutional self-assessment report with the RCC.) An internal order on the beginning of the training course and a list of enrolled students are issued. Upon completion of the training, an order is issued to complete the course and issue a supporting document (certificate for non-formal training programmes, certificate of advanced training)

**EEC Conclusions on Criteria.** Compliant with 11 standards: fully - 11, partially – 0, do not comply – 0.

**Standard 3: Implemented.**

**Recommendations for improvement identified during the external visit: none.**

### **Standard 4: THE HEALTHCARE PROFESSIONALS**

#### **Evidence of compliance:**

#### **4.1 Motivation.**

The organization has a policy on the recruitment and admission of students, which is formed and carried out by the following programmes: budget - 005 MoH RoK, from the local budget - 003 of the health department, on a paid basis - 036 and 010 (see table 3). Applications are accepted from state and non-state medical organizations, organizations for coordination of employment and social programmes of the Akimat of Zhambyl region, the Department of Education of the Akimat of Zhambyl region, sanatoriums and from individuals

**Table 3. Statistics of training the number of students for the period 2017-2022. depending on funding programmes**

| 005 programme |      |      |      | 003 programme |      | 036 and 010 programmes |      |      |      |      |      |
|---------------|------|------|------|---------------|------|------------------------|------|------|------|------|------|
| 2017          | 2018 | 2019 | 2020 | 2017          | 2020 | 2017                   | 2018 | 2019 | 2020 | 2021 | 2022 |
|               |      |      |      |               |      |                        |      |      |      |      |      |

|            |    |    |     |             |      |             |     |      |     |     |     |
|------------|----|----|-----|-------------|------|-------------|-----|------|-----|-----|-----|
| 12         | 45 | 90 | 125 | 100         | 1050 | 122         | 620 | 1652 | 304 | 491 | 418 |
| TOTAL: 272 |    |    |     | TOTAL: 1150 |      | TOTAL: 3607 |     |      |     |     |     |

When organizing training cycles, factors that motivate health professionals are taken into account, the relevance of topics and the implementation of projects focused on practice in order to provide high-quality medical care. An example is roadmaps for implementing an integrated model such as:

1. Providing medical care for acute myocardial infarction;
2. Management of acute strokes;
3. Development of mental health services;
4. in case of injuries;
5. organization of emergency medical care;
6. Pediatric oncological and hematological care.

Admission of students is carried out on the basis of the order of the Minister of Health of RoK dated December 21, 2020 No. KR DSM-303/2020 "On approval of the rules of additional and non-formal education of specialists in the field of health..." and the requirements of internal regulations.

The head of DAT M.K. Zhasuzak told about the policy of enrolling students. For the period 2017-2022, 5,575 students were accepted and trained. Of these, 5,029 were enrolled in further education programmes and 546 in non-formal education cycles (see tables 4, 5, 7), including fee-based programmes (table 6).

**Table 4. Number of students enrolled in additional education programmes at the expense of the budget programme 005 MoH RoK in terms of cycles for the period from 2017 – 2020**

| №  | Cycle name   | 2017.<br>(November,<br>December) | 2018. | 2019. | 2020. |
|----|--|----------------------------------|-------|-------|-------|
| 1  | "BLS Emergency Medical Care"   | 12                               | 45    | -     | -     |
| 2  | "Emergency conditions in obstetrics and gynecology"  | -                                | -     | -     | 10    |
| 3  | "Actual aspects of the activity of the nurse of the procedural office"                       | -                                | -     | 10    | -     |
| 4  | "Effective perinatal care"   | -                                | -     | 10    | -     |
| 5  | "Nursing technologies in the surgical treatment of surgical diseases and traumatic injuries" | -                                | -     | 10    | -     |
| 6  | "Infection control and prevention of VBI, hand hygiene"                                      | -                                | -     | 10    | -     |
| 7  | "The role of obstetricians examination rooms in the prevention of cancer"                    | -                                | -     | 20    | -     |
| 8  | "Early diagnosis of oncological diseases at the PHC level"                                   | -                                | -     | 20    | -     |
| 9  | "Aspects of nursing work in PHC conditions"  | -                                | -     | 10    | -     |
| 10 | "Providing medical care in case of injuries and accidents"                                   | -                                | -     | -     | 25    |
| 11 | "Infection control and prevention of nosocomial infections in obstetric practice"            | -                                | -     | -     | 10    |
| 12 | "Issues of immunoprophylaxis and childhood infections"                                       | -                                | -     | -     | 10    |

|    |   |            |           |           |            |
|----|---|------------|-----------|-----------|------------|
| 13 | "Spirometry, peak flowmetry, pulse oximetry for the diagnosis and monitoring of respiratory diseases" | -          | -         | -         | 20         |
| 14 | "Providing medical care for acute stroke. Diagnosis, treatment and rehabilitation by modern methods"  | -          | -         | -         | 10         |
| 15 | "Nursing in Child and Adolescent Psychiatry"  | -          | -         | -         | 10         |
| 16 | "Management of respiratory diseases at the PHC level"   | -          | -         | -         | 10         |
| 17 | "Diagnosis and treatment of patients with pneumonia associated with CVI treatment"                    | -          | -         | -         | 10         |
| 18 | Nursing care for patients with acute respiratory failure in CVI                                       | -          | -         | -         | 10         |
|    | <b>Total</b>  | <b>12</b>  | <b>45</b> | <b>90</b> | <b>125</b> |
|    | <b>Total</b>  | <b>272</b> |           |           |            |

**Table 5. Number of students enrolled in supplementary education at the expense of the budget programme 003 HCD of the akimat of Zhambyl region in the context of cycles for the period from 2017 (November-December) - 2020.**

| №  | Cycle name   | 2017.<br>(November,<br>December) | 2020. |
|----|--|----------------------------------|-------|
| 1  | "Emergency conditions in obstetrics and gynecology"  | -                                | 25    |
| 2  | "Emergency pre-medical care at the prehospital stage"  | 25                               | 25    |
| 3  | "Actual aspects of the activity of the nurse of the procedural office"                       | -                                | 25    |
| 4  | "Emergency conditions in pediatrics"   | 25                               | -     |
| 5  | "Therapeutic massage"  | -                                | 25    |
| 6  | "Topical Issues of Anesthesiology and Intensive Care"  | 25                               | 25    |
| 7  | "Work of an ambulance paramedic"   | 25                               | 25    |
| 8  | "Common Nursing Technologies with Emergency Pre-Hospital Care"                               | -                                | 50    |
| 9  | "Current Issues of Phthisiology"   | -                                | 25    |
| 10 | "The Work of the Education System Nurse"   | -                                | 25    |
| 11 | "Work of a nurse of a general practitioner"  | -                                | 50    |
| 12 | "Nursing in Psychiatry"  | -                                | 25    |
| 13 | "Nursing technologies in the surgical treatment of surgical diseases and traumatic injuries" | -                                | 25    |
| 14 | "Infectious diseases. Topical issues"  | -                                | 25    |
| 15 | "Modern Aspects of Nursing"  | -                                | 25    |
| 16 | "Actual aspects of the activity of the operating nurse"                                      | -                                | 25    |
| 17 | "Work of the midwife of the examination room"  | -                                | 25    |
| 18 | "Fundamentals of Medical Rehabilitation"   | -                                | 25    |
| 19 | "The role of a mentor in the training of a nursing worker" Stage 2                           | -                                | 25    |
| 20 | "Organization of nursing for the safety of patients"   | -                                | 50    |
| 21 | "Communication and Conflict Management"  | -                                | 25    |
| 22 | "The role of the nurse of the children's department and neonatology"                         | -                                | 25    |



|    |  |             |            |
|----|--|-------------|------------|
| 23 | "Fundamentals of Physical Therapy"   | -           | 25         |
| 24 | "Integrated management of childhood diseases"  | -           | 25         |
| 25 | "Emergency care for acute forms of coronary heart disease, cerebral stroke. Fundamentals of Electrocardiography" | -           | 25         |
| 26 | "Nursing care in the diagnosis and treatment of respiratory diseases"  | -           | 75         |
| 27 | "Nursing Care in Treatment and Diagnosis of Pneumonia in Coronavirus Infection"                                  | -           | 100        |
| 28 | "Nursing care for respiratory disorders, including in CVI"   | -           | 125        |
| 29 | "The role of nursing in the PHC system. Innovative technologies of nursing. New indicators»"                     | -           | 25         |
| 30 | "Management of pregnancy and childbirth in some types of extragenital pathology"                                 | -           | 25         |
| 31 | "The work of a nurse in the provision of palliative care"  | -           | 25         |
|    | <b>Total</b>   | <b>100</b>  | <b>105</b> |
|    | <b>Total</b>   | <b>1150</b> |            |

**Table 6. Number of students enrolled in supplementary education on a paid basis in the context of cycles for the period from 2017 to 2022**

| №  | Cycle name   | 2017<br>(November,<br>December) | 2018. | 2019. | 2020. | 2021. | 2022. |
|----|--|---------------------------------|-------|-------|-------|-------|-------|
| 1  | "Selected Therapy Questions"   | 14                              | 15    | -     | -     | -     | -     |
| 2  | "Work of the district nurse of PHC"                                    | 9                               | -     | -     | -     | -     | -     |
| 3  | "Emergency conditions in obstetrics and gynecology"                    | 10                              | 67    | 28    | 7     | 6     | 17    |
| 4  | "Emergency pre-medical care at the prehospital stage"                  | -                               | 70    | 8     | 15    | 3     | 8     |
| 5  | "Emergency conditions in pediatrics"                                   | -                               | -     | -     | 4     | -     | -     |
| 6  | "Actual aspects of the activity of the nurse of the procedural office" | 31                              | 67    | 33    | 17    | 4     | 24    |
| 7  | "DM in immunoprophylaxis"  | 11                              | 8     | -     | -     | -     | -     |
| 8  | "Therapeutic massage"  | 17                              | 64    | 45    | 15    | 8     | 7     |
| 9  | "Topical Issues of Anesthesiology and Intensive Care"                  | -                               | 10    | -     | 10    | 9     | 28    |
| 10 | "Work of an ambulance paramedic"                                       | -                               | -     | 16    | -     | 12    | 3     |
| 11 | "Effective perinatal care"   | 30                              | -     | -     | -     | -     | -     |
| 12 | "Selected Questions of Surgery"  | -                               | 15    | 31    | 8     | -     | -     |
| 13 | "Common Nursing Technologies with Emergency Pre-Hospital Care"         | -                               | 149   | -     | -     | 24    | -     |
| 14 | "Selected Questions of Physiotherapy"                                  | -                               | 14    | 21    | 2     | 3     | 6     |
| 15 | "The role of the chief nurse in the service of medical"                | -                               | 12    | -     | -     | -     | -     |



|    |  |   |    |     |    |     |    |
|----|--|---|----|-----|----|-----|----|
|    | organizations"   |   |    |     |    |     |    |
| 16 | "Fundamentals of therapeutic nutrition"  | - | 14 | 8   | 8  | 5   | 4  |
| 17 | "Current Issues of Phthiology"   | - | 12 | -   | -  | 1   | 2  |
| 18 | "The Work of the Education System Nurse"   | - | 6  | -   | 1  | 23  | 36 |
| 19 | "Work of a nurse of a general practitioner"  | - | 18 | -   | -  | -   | 16 |
| 20 | "The Work of a Blood Service Nurse"  | - | 13 | -   | -  | 7   | -  |
| 21 | "The Work of a Nurse of Functional Diagnostics"  | - | 8  | -   | -  | -   | 4  |
| 22 | "Nursing in Narcology"   | - | 12 | 31  | -  | 2   | 5  |
| 23 | "Work of a narcological service paramedic"   | - | -  | 12  | -  | -   | -  |
| 24 | "Nursing in Psychiatry"  | - | 29 | 30  | 1  | -   | 1  |
| 25 | "Nursing technologies in the surgical treatment of surgical diseases and traumatic injuries" | - | 7  | 17  | -  | 1   | 12 |
| 26 | "Infectious diseases. Topical issues»"   | - | -  | 10  | -  | 1   | 16 |
| 27 | "Modern Aspects of Nursing"  | - | -  | 56  | 33 | 27  | 27 |
| 28 | "Early Childhood Development"  | - | -  | 620 | 55 | 106 | 33 |
| 29 | "The New Role of the Nurse"  | - | -  | 617 | 55 | 115 | 33 |
| 30 | "Actual aspects of the activity of the operating nurse"                                      | - | -  | 15  | -  | -   | 7  |
| 31 | "Functional diagnostics and the work of a nurse in the X-ray room"                           | - | -  | 8   | -  | 4   | 5  |
| 32 | "Selected Issues of Physical Rehabilitation"   | - | -  | 8   | 5  | 5   | -  |
| 33 | "Fundamentals of Medical Rehabilitation"   | - | -  | 17  | 3  | 1   | 11 |
| 34 | "Mentoring in nursing" (Mentor)  | - | -  | 21  | 30 | -   | -  |
| 35 | "The role of a mentor in the training of a nursing worker" Stage 2                           | - | -  | -   | -  | 5   | 69 |
| 36 | "Laboratory Diagnostics of ELISA"  | - | -  | -   | 4  | -   | 6  |
| 37 | "Fundamentals of Laboratory Diagnostics"   | - | -  | -   | -  | 20  | -  |
| 38 | "Organization of nursing for the safety of patients"   | - | -  | -   | 18 | 23  | 10 |
| 39 | "Communication and Conflict Management"  | - | -  | -   | 1  | 4   | -  |
| 40 | "Issues of immunoprophylaxis and childhood infections"                                       | - | -  | -   | -  | 2   | -  |
| 41 | "The role of the nurse of the children's department and neonatology"                         | - | -  | -   | -  | -   | 1  |
| 42 | "Fundamentals of physical  | - | -  | -   | 2  | 1   | 6  |

|    |  |             |            |             |            |            |            |  |
|----|--|-------------|------------|-------------|------------|------------|------------|--|
|    | therapy"   |             |            |             |            |            |            |  |
| 43 | Integrated Management of Childhood Illness (IMCI)  | -           | -          | -           | -          | 54         | -          |  |
| 44 | "Emergency care for acute forms of coronary heart disease, cerebral stroke. Fundamentals of Electrocardiography" | -           | -          | -           | -          | -          | 1          |  |
| 45 | "Management of pregnancy and childbirth in some types of extragenital pathology"                                 | -           | -          | -           | -          | 1          | 1          |  |
| 46 | "Manager - Head of Nursing Service"  | -           | -          | -           | 1          | -          | 8          |  |
| 47 | "The work of the CSO nurse of the central disinfection department"   | -           | -          | -           | -          | -          | 1          |  |
| 48 | "Common Nursing Technologies"  | -           | -          | -           | -          | 13         | 10         |  |
| 49 | "The work of a nurse in the provision of palliative care"  | -           | -          | -           | -          | 1          | -          |  |
|    | <b>Total</b>   | <b>122</b>  | <b>620</b> | <b>1652</b> | <b>304</b> | <b>491</b> | <b>418</b> |  |
|    | <b>Total</b>   | <b>3607</b> |            |             |            |            |            |  |

**Table 7. The number of students enrolled in non-formal education programmes for the period 2018 – 2019**

| <b>№</b> | <b>Workshop title</b>   | <b>2018.</b> | <b>2019.</b> |
|----------|---|--------------|--------------|
| 1        | Comprehensive plan for the development of nursing in the Republic of Kazakhstan until 2019. The new role and competence of a nurse of different levels. ” | 86           | -            |
| 2        | "Diseases related to pregnancy. Severe stage of preeclampsia and emergency care for eclampsia   | 39           | -            |
| 3        | "Providing palliative care to patients. Safe transportation of patients. ”  | -            | 35           |
|          | <b>Total</b>  | <b>125</b>   | <b>35</b>    |
|          | <b>Total</b>  | <b>160</b>   |              |

After analyzing Tables 4-7, the experts found that the most popular programmes are such as: “Early Childhood Development”, “New Role of a Nurse”, which in 2021 trained 221 (45%) of 491 students.

A balance has been struck between the existing capacity of the organization of education and training opportunities and recruitment of students, since the organization has an information educational platform Moodle.

To determine the initial level of knowledge, students take tests, to determine the level of mastering the educational material during training, current control is carried out with the performance of tasks. To provide effective feedback on the formation of the final learning outcomes, students have the opportunity to check their strengths and weaknesses when solving training tests.

At the end of the advanced training programme, a consultation is held on the preparation for the final control. The teacher, together with the DAT methodologist, develops questions for consulting on the final control.

#### **4.2 Training strategies.**

Based on the adopted regulatory documents during the pandemic, the training of students was carried out using remote technologies. At the same time, the regulations of the established training load were observed.

During the conversation with the DAT methodologist U.N. Bisakova, it turned out that the development of additional and non-formal education programmes is carried out with a separation and with a partial separation of students from work.

DAT introduced full-time, full-time-distance, distance learning in connection with taking into account the working conditions and employment of students in relation to the main practical activities. Medical specialists participating in the educational process are provided with access to the electronic platform of Moodle College. They are given the opportunity and time to evaluate and analyze their own learning outcomes. The Learning Management System automatically checks test responses, displays errors and indicates the score. Students have the opportunity to pass the test twice, if necessary, the electronic programme can add another attempt for the user (listener).

The Moodle platform allows you to create electronic educational resources, provides students with remote access to independently study all educational material, perform certain tasks, pass knowledge control - testing, and study video lessons.

DAT has the ability to conduct field cycles using simulation technologies. For example: at the request of the Shu Central District Hospital, the following cycles were held: "General Nursing Technologies" (14.05. - 19.05.2018), "Emergency pre-medical care at the prehospital stage", "Emergency conditions in obstetrics and gynecology" (11.07. - 18.07.2018), "General Nursing Technologies" (19.11. - 24.11.2018), "Modern aspects of nursing", "Emergency care in critical situations and the basics of communication of nurses (27.01. - 01.02.2020).

The college has all the conditions for students to do independent work, study in the library, enter the electronic library "Aknurpress", practice practical skills and abilities in the simulation center, all the conditions for persons with disabilities have been created.

The presence in the college of the Center for Monitoring the Quality of Knowledge allows you to track, analyze the optimal use of information, the results of an objective, reliable and independent assessment of the development of educational programmes of additional and non-formal education.

Thus, the experts validated the data according to **standard 4**. In general, all criteria are met. Experts got acquainted with the documentation on the enrollment of students, the documents are well drawn up.

Regarding the practice of academic counseling, personal support of students and the development of not only professional skills, experts received information during a conversation with the deputy director for educational and production work ANDAKULOVA K.T.

#### **4.3 Participation and influence of students on programmes of additional and non-formal education.**

Joint activities are carried out with the PA "Professional Association of Nursing Specialists of Zhambyl region", the chairperson of which is the director of the college Sarybekova Z.S. The professional association takes an active part in the work of DAT, the exchange of scientific information, participates in conferences and seminars.

#### **4.4. Working conditions.**

The College provides a safe environment for staff and students. Classes are held in offices and laboratories in compliance with safety and fire safety regulations. Each cabinet has an act-permit for conducting classes, which is signed by a special commission and approved by the director of the college. Before the start of classes in the offices, a briefing on occupational health and safety is carried out with mandatory registration in the log of the established sample. Planned disinsection and deratization is performed at least once a year in the DAT and simulation center. Compliance with safety rules and control over the condition of offices, training equipment, visual aids is entrusted to the head of DAT. The head of DAT also monitors compliance with occupational health and safety rules when passing practical classes in medical organizations of Taraz and Zhambyl region.

**EEC Conclusions on Criteria.** Compliant with 14 standards: fully - 14, partially - 0, do not comply – 0.

**Standard 4: Implemented.**

**Recommendations for improvement identified during the external visit: none.**

## **Standard 5: CPD PROVISION**

### **Evidence of compliance:**

#### **5.1 Recognition Policies and Teachers**

The purpose of the personnel policy of the College is the effective management of human resources, maintaining an optimal level of numerical and qualitative composition of employees.

The college employs 252 teachers, of which 136 are full-time, part-time - 116. In 2017 (November-December), 22 teachers were involved in additional and non-formal education programmes (234 students were trained), and in 2022 – 40 teachers (418 students were trained), as the number of educational programmes became 52.

Additional and non-formal education on priority health issues involves specialized specialists, including deputies of the chief physician for nursing, chief nurses and senior nurses of the department. When selecting part-time students, the qualification category and work experience in the specialty profile are taken into account for at least 10 years. It is preferable to have a higher nursing education. So, in 2022, part-time teachers (6 people) were nurses with higher nursing education (academic bachelor's degree) and with the highest category. These are deputy chief physicians for nursing of City Polyclinic No.5 and Almaz Medical Group LLP (City Polyclinic No.4), nurses of Zhambyl Regional Multidisciplinary Children's Hospital, chief nurse of the Center for Special Social Services No.5. They participated in the implementation of educational programmes "Development of young children", "New role of a patronage nurse", "Therapeutic massage", "The role of a mentor in the training of an average medical worker".

Contracts for the provision of services are concluded with part-time teachers.

The experts got acquainted with the following internal legal documents of the college:

1. "Code of Ethics" approved by the decision of the Supervisory Board of PSE on REM "Zhambyl Higher Medical College" dated 12.04.2021, Minutes No.4.
2. "Personnel policy", approved by the decision of the Supervisory Board of PSE on REM "Zhambyl Higher Medical College" dated 12.04.2021. protocol No.5.
3. Regulation "On the conditions of remuneration, bonuses and social security", approved by the director of Zhambyl Higher Medical College dated 11.01.2021.

In order to verify the data of **standard 5**, the following were interviewed: IMANBEKOVA zh.b. – head of the methodological office, Aidabosynova Zh.N., Eraliev M.L., Ziyabekova D.A. - teachers and other employees of the college. The conversation with the experts included the following questions: "Are you satisfied with everything at the training base and clinics?" "Do you think the schedule is convenient for teachers?" "How many hours of training do you do each month?" "What interactive methods do you use?", "What needs to be improved in DAT?". The conversation allowed the experts to learn about the approaches to attracting employees of clinical bases for teaching (there are 6 such teachers in total), about the strategy and tactics of recruiting students, information support of the educational process in additional education, as well as to identify problems in the management and development of human resources. Some teachers found it difficult to answer questions about the methodology of teaching because of the small pedagogical experience.

***When surveying teachers on December 14, 2023, it was found that the majority (82.36%) were fully satisfied with the organization of work and work place in this educational organization, but 17.64% were partially satisfied. In this educational organization, teachers have the opportunity to engage in scientific work and publish the results of RW – 70.59% fully agree, 17.64% partially. Satisfied with the work of the HR service (personnel) – 76.47% fully agree, 17.64% partially. Salary is acceptable – 70.59% fully agree, 29.41% partially.***

#### **5.2 Obligations and development of organizations of additional and non-formal education.**

The procedure for the implementation of DAT services is regulated by the Laws of the Republic of Kazakhstan, orders of the Ministry of Health of the Republic. DAT staff and teachers are familiar with the main normative and legal documents in the field of additional and non-formal education, know the content of the College's internal acts and are familiar with their job descriptions.

The college has introduced a mechanism for monitoring and monitoring the use of effective and efficient teaching methods and technologies by employees and teachers in the planning and implementation of educational programmes.

In order to verify the data of **Standard 5**, when meeting with the head of the personnel department and during interviews with teachers, experts received an opinion on approaches to the development of teachers' pedagogical competence, motivation to work with students, mentoring.

The work of mentors is carried out on the basis of the "Regulations on the activities of a mentor", approved by the director of the college on August 31, 2022.

During the external evaluation, the experts got acquainted with the annual DAT work plans with the RCC, for example, the "DAT work plan with the RCC for 2022" was approved by the director of Zhambyl Higher Medical College on 04.01.2022.

Teachers of DAT have undergone advanced training of pedagogical and professional qualifications in the following organizations: JSC "Talap", "Asfendiyarov Kazakh National Medical University", "Kazakh Medical University of Continuing Education", "Republican Center for Health Development "Astana, " Semey Medical University ", Republican Higher Medical College, Higher Medical College of Astana, Business Management Center of Astana, etc.

In total, for the period 2017-2022, DAT teachers underwent 151 professional development cycles lasting from 54 to 128 hours in such areas as: "Emergency care for critical conditions and the basics of communication of nurses", "Universal progressive model of the patronage service", "Spirometry, peak flow metrics, pulse oximetry for the diagnosis and monitoring of respiratory diseases", "Topical issues of therapy in general medical practice", "Emergency care for allergic diseases", "Emergency care at the pre- and hospital stages", "Basic resuscitation BLS, expanded cardiopulmonary resuscitation in paediatrics PALS, provision of medical care at the prehospital stage in case of PHTLS injuries", "Nursing care for patients with acute respiratory failure, including COVID-19", "Emergency care for DP. Tactics in isolated, multiple, combined trauma of systems and organs", etc. For example, in 2020, teachers Ziyabekova D.A., Bakhaeva A.D., Altynbekova Zh.R. were trained on the topic "Emergency care in critical conditions and the basics of communication of nurses" (20.01.- 24.01.2020, 54 hours).

Coverage of teachers in pedagogy amounted to 52.3%. Teachers of DAT are trained in cycles on pedagogy and teaching methods lasting from 24 to 72 hours on the following topics: "Teacher-researcher of nursing", "Improvement of the educational programme in the specialty "Nursing "of TVE level", "SMART – training in the system of advanced training of teachers", "Simulator of innovative projects and the use of SMART – Technologies in technical and vocational education", "Modern competence-oriented nursing education", "From theory to practice in timely nursing education", "Teaching and assessment methods based on competencies in the training of nurses", "Teaching special disciplines in English using CLIL.TBLT techniques and the BOPPPS model", "Innovative management in supervision and tutoring in practical health care", etc.

There are no certified international trainers in the college.

Data on the advanced training of DAT teachers from November 2017 to October 2022 were checked selectively, at the same time, compliance with the self-assessment report was found.

These activities are funded by the College. The expert checked the certificates of teachers on such topics as "Conflict Management", "Nutrition Hygiene", "Communal Hygiene", etc.

Experts have found that teachers develop students' need for additional training and independent work with literature and medical documentation.

***A survey conducted by experts showed that there is an opportunity for career growth and development of teacher competencies in the organization – 64.71% of the surveyed teachers answered, and 29.41% partially agree with this. Were trained on professional development***



*programmes – 23.54% less than 1 year ago, 17.65% during this year, 11.76% more than 3 years ago, 5.88% more than 5 years ago and 29.41% answered “I do not remember when it was.”*

*The organization implements social support programmes for teachers – 64.17% answered that “yes, there are such programmes”, 0% “I have already taken advantage of this”, 0% of respondents answered that there are no such programmes, and 29.41% of respondents do not know about it.*

**EEC Conclusions on Criteria.** Compliant with 11 standards: fully – 11, partially – 1, do not comply – 0.

**Standard 5: Implemented**

**Recommendations for improvement identified during the external visit:**

1. Develop and implement a mechanism for involving teachers in the implementation of scientific projects with the subsequent introduction of results in the educational process.
2. Ensure the active participation of college teachers and students in regional, national and international scientific and practical events with annual dynamics of growth in the number of participants.

## **Standard 6: EDUCATIONAL RESOURCES**

### **Evidence of compliance:**

#### **6.1 Material and technical base.**

Zhambyl Higher Medical College has sufficient material and technical base to ensure adequate implementation of educational programmes both at the level of TVE, post-secondary education, DAC and at the level of continuing professional development of health care professionals.

The external expert commission visited 2 educational buildings, all classrooms, a library, an assembly hall, recreation rooms for teachers and students, a simulation center, a laboratory, a mini-typography and other auxiliary premises. DAT with a total area of 288.9 m<sup>2</sup> is located on the 3rd floor of building B, where there are 9 offices, including a lecture room, the office of the coordination director, the office of the head of DAT, methodologist, simulation center trainer and student document reception, debriefing room and simulation station offices.

In the college, with the assistance of the regional health department of the akimat of Zhambyl region, a Republican simulation center was opened, consisting of 8 stations (see p.15 of this report).

A review of DAT resources with the RCC showed that all trainees are provided with a place for learning and hands-on training.

#### **6.2 Training bases.**

For the organization of additional and non-formal education of nurses at DAT, cooperation agreements were concluded with the RCC with 18 medical organizations of Taraz and Zhambyl region, where students are trained. The Department of Health of the Akimat of Zhambyl region regulates and monitors training at clinical bases. So, in 2017, the college had 15 bases for clinical practice, and in 2022 contracts were concluded with 18 medical organizations.

When interviewing teachers and students of the college on issues of satisfaction with resources, the bases of practice, held on December 14, 2022, received positive feedback.

Experts visited the offices for theoretical and practical classes at the clinical bases of the college. Thus, Zhambyl Regional Multidisciplinary Hospital with 560 beds provided 2 rooms for the college, City Multidisciplinary Hospital with 774 beds – 2 rooms, Zhambyl Regional Multidisciplinary Children's Hospital with 505 beds also has 2 rooms for the college and Taraz Polyclinic No.5 – 1 room. In the above clinics of the clinics, expert meetings with the management were held.

A visit to the college's clinical bases showed that they correspond to the goals and objectives of educational activities, and DAT employees with RCC provide a collegial and ethical relationship with the medical staff, the management of the clinical base to achieve the final results of training students. The educational process is provided by a sufficient number of thematic patients, equipped



with modern equipment and demonstrates accessibility to students, and employees who perform simultaneously the roles of teachers and curators (mentors) provide high-quality training in compliance with ethics and deontology.

Clinical bases are equipped with dummies and phantoms, as well as methodological materials that make it possible to master the curriculum.

Before starting training, the student receives a syllabus from the teacher and knows what skills he should improve and develop during the training, and these are basic and professional competencies, to achieve the main results when studying a certain course. To achieve this goal, teachers in the classroom actively use EMCD, which are considered at CMC meetings and agreed with employers. Self-study of students is represented by abstracts, essays, thematic presentations.

The experts obtained evidence of compliance **with Standard 6**, as well as validation of the self-assessment report.

The experts interviewed the students and found that the majority (more than 95%) are generally satisfied with the training, they have enough time to practice practical skills, have the opportunity to work with medical records in Damumed under the supervision of a teacher/mentor. Students are quite satisfied with the teaching methods and qualifications of teachers, social and moral support. Students can access the resources of international databases of professional literature through the college library. However, many students do not have the skills to use this data.

In general, students are satisfied with the training, assessment methods, and purposefully wrote an application to this college, as they believe that the organization of education has good resources and image. In addition, the territorial location of the DAT College is convenient and does not require long business trips, which saves money, both for the medical organization and the student himself.

### 6.3 Information technology

The college has 2 libraries, 2 reading rooms for 50 seats, 2 subscriptions and 2 book depositories. In the 2021-2022 academic year, the 2nd library with a total area of 195m<sup>2</sup> was opened in Building B on the basis of DAT with RCC, where there is a reading room for 25 seats, a subscription and a book depository. The library has 4 computers that are connected to the Internet (Internet speed 60 MB), office equipment.

The library has a sufficient book fund, in 2022 1,840 copies of books in the state, Russian and English languages were purchased (Table 8), mainly for college students. There is also an electronic library, an access link <https://aknurpress.kz/>, which can be used by students

Electronic catalog "Kalis" - 72352 copies.

**Table 8. Acquisition of educational literature by year**

| Years | Number of copies |
|-------|------------------|
| 2019. | 890              |
| 2020. | 821              |
| 2021. | 2830             |
| 2022. | 1840             |

The college writes journals such as the newspaper "Densaulyk Alemi – World of Health"; journals in the Kazakh language "Densaulyk", "Meirbike Isi", "Oku innovationlyk technologilar"; journals in Russian "Resident", "Pharmacy RoK", "Secondary vocational education".

A meeting of experts with the department of IT and remote technologies was held. 27 training programmes for students are implemented in a remote format.

The educational platform of Moodle College has training material on the following refresher courses:

1. "Emergency conditions in obstetrics and gynecology"
2. "Emergency pre-medical care at the prehospital stage"
3. "Actual aspects of the activity of the nurse of the procedural office"
4. "Therapeutic massage"

5. "Topical Issues of Anesthesiology and Intensive Care"
6. "Work of an ambulance paramedic"
7. "Common Nursing Technologies with Emergency Pre-Hospital Care"
8. "Current Issues of Phthysiology"
9. "The Work of the Education System Nurse"
10. "Work of a nurse of a general practitioner"
11. "Nursing in Psychiatry"
12. "Nursing technologies in the surgical treatment of surgical diseases and traumatic injuries"
13. "Infectious diseases. Topical issues»"
14. "Modern Aspects of Nursing"
15. "Actual aspects of the activity of the operating nurse"
16. "Work of the midwife of the examination room"
17. "Fundamentals of Medical Rehabilitation"
18. "The role of a mentor in the training of a nursing worker stage 2"
19. "Organization of nursing for the safety of patients"
20. "Communication and Conflict Management"
21. "The role of the nurse of the children's department and neonatology"
22. "Fundamentals of Physical Therapy"
23. "Integrated management of childhood diseases"
24. "Emergency care for acute forms of coronary heart disease, cerebral stroke. Fundamentals of Electrocardiography"
25. "The role of nursing in the PHC system. Innovative technologies of nursing. New indicators»"
26. "Management of pregnancy and childbirth in some types of extragenital pathology"
27. "The Work of a Nurse in the Provision of Palliative Care."

All participants of the educational process are provided with access to the electronic platform of the college at any convenient time.

Students of the department have the opportunity to ask questions through the site (the director's blog), register for the course, and find information of interest.

The director of the college accepts students on personal matters. Any student can apply with complaints and suggestions to the teacher of the cycle, the head of the department, the deputy director for educational and practical work. There is a trust box on the 1st floor for free access for students. All complaints and proposals are considered and decisions are made.

The college provides information support and service services for students through the website.

#### **6.4 Interaction with colleagues**

The college independently determines and implements the policy of development of the college employees. The College Development Programme for 5 years provides for measures to increase the indicators of the qualitative composition and the formation of the professional competence of college teachers. The policy of teaching staff management is carried out according to the following principles: a democratic approach to teachers and college staff; a combination of the interests of the management team and the managed subsystem; accessibility of management; stimulation of the activities of teachers and college staff, etc.

Additional education is carried out (including using distance learning technologies and on-site cycles) by teachers who have at least 10 years of experience in the specialty profile and at least 3 years of scientific and pedagogical experience, at least 4 credits (120 hours) of advanced training for the last 5 years in the taught profile. Teachers from among practical healthcare specialists are involved in conducting practical classes (in 2022 – 6).

Students have free access to patients on clinical bases and all conditions for improving their practical skills: 85% of teachers agree completely with this, 10% partially agree, 5% found it difficult to answer.

#### **6.5 Formal and non-formal education**

DAT annually, with the support of MoH RoK (programme 005) and the local executive

body, carries out the state order within the framework of the local budget programme 003 "Advanced training and retraining of specialists in practical health care". In 2017, 12 trainees were trained under the MoH RoK 005 programme, 100 trainees were trained under the local budget programme 003 HCD; in 2018, 45 trainees were trained under the MoH RoK 005 programme; in 2019, 90 trainees were trained under the MoH RoK 005 programme; in 2020, 1,050 trainees were trained under the local budget programme 003 HCD, and 125 trainees were trained under the MoH RoK 005 programme.

Non-formal educational programmes are developed on such topics as "Training of persons without medical education (paramedics) in the provision of first aid", "Comprehensive plan for the development of nursing in the Republic of Kazakhstan until 2019. New role and competence of a nurse of different levels", "Diseases associated with pregnancy. Severe stage of preeclampsia and emergency care for eclampsia", "Provision of palliative care to patients. Safe transportation of patients", "Assistance in case of sudden cardiac arrest: cardiopulmonary resuscitation", "Conducting primary treatment of the injury and applying a bandage", "Stopping external bleeding", "Emergency care in shock", "Emergency care for injuries", "Parenteral injection technique", "Communication and conflict management".

In 2019, there were 4 such programmes, in 2022 – 5 programmes. The number of trainees trained in short-term cycles is presented in Table 9. The most popular programmes on the topic: "Training of persons without medical education (paramedics) in the provision of first aid." DAT independently determines the forms of non-formal education – master classes, seminars, trainings. More often, non-formal training is conducted in the form of master classes, seminars, etc.

**Table 9. Number of trainees who completed non-formal education for the period of 2018-2022**

| <b>Years</b> | <b>Number of trainees</b> |
|--------------|---------------------------|
| 2018 year    | 134 pers.                 |
| 2019 year    | 41 pers.                  |
| 2020 year    | 30 pers.                  |
| 2021 year    | 179 people                |
| 2022 year    | 128 pers.                 |
| <b>Total</b> | <b>512 people</b>         |

## **6.6 Research and scientific achievements**

To support employees, teachers in conducting research in education, they are given the opportunity to participate free of charge in scientific and practical conferences. For example, in the conference "Organization of the educational process using the technology of distance learning of medical colleges", held on April 29, 2020, took part teacher Andakulova K.T. In the international scientific and theoretical conference "Introduction of innovative technologies in the educational process: interest, search, cooperation", held in 2020 within the framework of the 90th anniversary of SPE on REM "Higher Medical College" HCD in Shymkent, teachers Berdish Nurzada, Duissenbayeva Ulzhan, Nazar Dinara, etc. took part.

In the college, articles and abstracts are published annually together with average medical workers studying at the advanced training department.

Scientific research and educational programme is carried out in compliance with the temporary balance, takes into account the workload of nurses and teachers.

The research work of DAT teachers is carried out on the topics: "Improving the competence approach in the preparation of bachelors of nursing" (2020., Sarybekova Zh.N.); "Modern approaches to improving the development of nursing in RoK" (2020., Kuanyshbekova L.T.); "PHC Nurse Occupational Satisfaction Assessment" (2021., Andakulova K.T.)

Participants of advanced training cycles carry out research work on such topical topics as "Modern approaches to improving the development of nursing", "Evidence-based medicine", "Infection control".

Interviews with 6 teachers, including 4 full-time, showed that there are successes in education management, depending on the specific base (admission of students to the equipment, a sufficient number of thematic patients, time for maintaining medical records, independent work).

The examination is carried out in the form of an analysis of the needs for specialists, an analysis of the methods of training students, and the results allow us to draw conclusions about the quality of innovative changes in additional education.

### **6.7 Training in alternative educational organizations**

The College concluded an agreement No.24692-ЭТII dated March 9, 2021 with NJSC "Asfendiyarov KazNMU", according to which the training plan (master class, seminar) of DAT teachers in the field of cardiology, cardiac surgery, oncology, obstetrics and gynecology, surgery, etc. is executed annually.

DAT College closely cooperates with PA "Professional Association of Nursing Specialists of Zhambyl region"

**EEC Conclusions on Criteria.** Compliant with 15 standards: fully – 13, partially – 2 do not comply – 0.

**Standard 6: Implemented**

**Recommendations for improvement identified during the external visit:**

1. Within the framework of continuing vocational education programmes, develop international cooperation with the aim of joint activities and exchange of experience on issues of additional education.

## **Standard 7: EVALUATION OF CPD ACTIVITIES**

### **Evidence of compliance:**

#### **7.1 Monitoring and evaluation mechanisms for educational programmes**

DAT ensures the participation of students in the evaluation of educational programmes: at the end of the refresher courses, a questionnaire is conducted, interviews are planned, based on the results of which the topics of new cycles are planned, changes are made to the work curricula in accordance with the requests of employers and students.

The content of the syllabus is reviewed and discussed at the DAT, then at the meeting of the cycle methodological commissions (CMC) and approved by the college director. Expected learning outcomes are used as the main tool for evaluating educational programmes. Constant monitoring of the quality of knowledge of students is carried out in order to improve the educational process as a whole and its individual components – content, training technology, assessment of the level of formation of professional skills, etc. Also, all this contributes to professional development, the most objective assessment of the level of qualification and improvement of the quality of medical care to the population.

According to the results of the questionnaire dated December 14, 2022, 95% of students note high satisfaction with the organization of teaching (the amount of time for practical training, the venue of seminars, the topics of seminars). For example, students noted that programmes using simulation allow to algorithmize actions in the provision of emergency care to critical patients, to work out practical skills and effective teamwork. Received proposals from students and trainees during the survey, interview, questionnaire are considered at DAT, meetings with the director, at CMC. The results obtained are used in the planning of the learning process in DAT.

Teachers-trainers annually undergo refresher courses in their specialty, pedagogy, participate in various master classes, trainings, have sufficient practical experience and qualifications as teachers.

In DAT there is a monitoring system, which is formalized by the following documents:

- Orders on enrollment and expulsion of students;

- Register of registration and issuance of certificates;
- Log of attendance and performance of students;
- Log of issuance of duplicate certificates;
- Log of registration and issuance of certificates of non-formal education;
- Class schedule;
- Agreements with organizations on the provision of additional educational services;
- Certificates and certificates of completion of advanced training courses;
- Examination sheets.

The college management systematically analyzes the results of internal audits, competitions and questionnaires to ensure that the Quality Policy is fully implemented. Current control over the implementation of planned activities is carried out at operational meetings with the director. The DAT quality assessment system is implemented through internal audits. For this purpose, a group of internal auditors was formed in the college. Based on the results of internal audits, reports are drawn up, the results of audits are heard at meetings of the pedagogical council.

## **7.2 Feedback**

Information on the results of feedback is provided to students, teachers, employers. During the cycle, teachers use current and final feedback, through which you can get an idea of the completeness of mastering knowledge and practical skills. In practice, techniques of mutual control and mutual verification are used, contributing to the development of self-control and self-analysis skills. Feedback helps the teacher and students to see their own gaps and correct them at an early stage in the learning process, ensuring that the learning process moves forward.

DAT ensures the participation of students and employers in the evaluation of educational programmes. Questionnaires and interviews are conducted at the end of refresher courses, as a result of which changes are made to the work training programmes in accordance with the requests of employers and students; at the same time, a questionnaire is conducted among students to assess the quality of training, as well as on programmes related to the development of practical skills. The analysis of the questionnaire showed the unconditional need for this training with proposals to expand topics on topical issues of medicine, increase the number of hours for practicing practical skills, noted the high professional level of medical instructors, students note the advantages of practicing practical skills on simulation equipment.

According to the results of a survey conducted in 2021 in DAT, 92% of students note satisfaction with the educational services provided: training cycles, master classes (clause 7.2.7).

The results of the survey and interview are analyzed and used to further improve and plan the learning process.

According to the results of the questionnaire conducted by ECAQA on December 14, 2022, 90% of students confirmed that the teacher regularly conducts feedback (listens to the opinion, conducts a mini-questionnaire, works on errors).

At the same time, 95% of the respondent students note the high professional level of teachers and coaches. According to 100% of respondents, DAT teachers constantly use IT technologies and simulation technologies. Complete satisfaction with the content of the classes was noted by 95% of the respondents.

Feedback is provided to employers on the level of training of students (interviews, questionnaires). Eight employers participated in the interview with the external expert commission. Experts identified a high level of satisfaction of employers with the professional competencies of students and the formation of their clinical thinking, working out communication skills, knowledge of the mission of the college and participation in the development of the mission and making proposals to the strategic plan, in the work of advisory bodies, and identified areas for improvement in the training of specialists.

Experts made sure that in the eyes of employers, DAT is a professional unit of the college that meets modern requirements, engaged in the training of qualified specialists with high-quality education.



**EEC Conclusions on Criteria.** Compliant with 10 standards: fully – 10, partially – 0, do not comply – 0.

**Standard 7: Implemented**

**Recommendations for improvement identified during the external visit:**

1. Organize and monitor the professional competence of the student after the completion of the advanced training programme to assess the quality of educational programmes and plan their improvement.

## **Standard 8. ORGANISATION**

### **Evidence of compliance.**

#### **8.1 Documentation and needs for planning additional and non-formal education.**

EEC members studied the documents on management and administration (regulations, organizational structure, job descriptions) and received evidence that DAT has a sufficient staff of 40 people. The department includes the head of the department, methodologist, trainer-teacher, teachers, DAT accountant, software specialist, laboratory assistant. The teaching staff of DAT consists of experienced professional specialists.

The college independently determines and implements the policy of development of the college employees. The **College Development Programme** provides for measures to increase the indicators of the qualitative composition and the formation of professional competencies of college teachers.

The relevance of the educational programmes offered by the department is determined on the basis of the need for training of specialists in practical health care and using simulation technologies. A large number of medical workers need to undergo emergency courses that allow them to algorithmize actions and practice practical skills in accordance with international standards.

The system of quality control of training is implemented through the requirements for conducting current, milestone and final control, the procedure for eliminating academic debt. To assess the knowledge of students, teachers develop criteria that are reflected in the relevant work curricula and syllabuses. Verification of educational achievements of residents is carried out through various forms of control. To determine the initial level of knowledge of students, basic control is carried out by testing.

All programmes of additional education necessarily include topics on medical ethics/bioethics and deontology of an average medical worker, the implementation of the Comprehensive Nursing Development Plan in RoK and new competencies of a nurse in the health care system.

Specialized specialists of the highest and first qualification category of medical organizations of the city of Taraz and Zhambyl region with experience in the specialty for at least 10 years are involved in conducting additional education in the field of health care. Practical classes are held in city polyclinics and hospitals of the city and region. Specialists from medical organizations from among deputy chief physicians for nursing, chief nurses and senior nurses of the department with at least 10 years of experience in practical health care, the highest or first category, preferably the presence of higher nursing education, also participate in training cycles, seminars, seminars on priority health issues.

The quality of training in advanced training cycles is evidenced by the results of knowledge tests, feedback, which show high satisfaction with the level of teaching of profiling and elective disciplines, the professional competence of teachers, the quality of the organization of practical classes.

Documentation of the completion of training is carried out by issuing certificates to students for advanced training, indicating the topic of the cycle. The list of students who have completed advanced training programmes is provided to the specialists of the personnel department of medical organizations – the place of work of students.

#### **8.2 Academic Leadership**

DAT is a leader in the training of listeners. Responsibility for the management, organization and implementation of programmes of additional and non-formal education rests with the



administration and each employee of DAT. The activities carried out and all activities strengthen the potential and mutual understanding among the team and listeners.

The college administration, teachers and students take an active part in the planning, implementation and monitoring of all processes. Responsibility of managers of different levels, including quality assurance of training, is enshrined in job descriptions, Regulations on the activities of structural units.

When planning an educational programme, the mission, the purpose of the programme and the expected final results are determined.

To the question of the questionnaire dated 14.12.2022 “Do the leaders of the organization listen to your opinion regarding questions on the educational process, RW, clinical/practical work”, 64.71% of teachers answered that they are systematic; 23.53% answered “sometimes”, 5.88% – “quite rarely”; 5.88% – “never”.

The college operates QMS, developed and implemented in accordance with the standard ST RoK ISO 9001-2016. In 2019, the “Quality Management System Manual” was developed, in which one of the sections is “Improvement”.

Thus, to prepare for theoretical training courses, teachers use MoH RoK clinical protocols, emergency care algorithms, Internet resources, literature approved by standard curricula.

The college, in comparison with other educational organizations, has such achievements as: participation in the National project "Uzdik kazakstandyk – 2019"; publication of an article on the achievements of the college in the rubric "Uzdik bilim ortalagy", recognition of the college as "The Best Educational Institution"; Diploma of the participant of the international encyclopedia "Best in Education" for high professional skills and selfless work for the benefit of RoK; 7th place in the national rating of the best medical colleges of Kazakhstan-2016; II place (70.1% ) according to the results of the 2018-2019 academic year in assessing the rating among medical colleges RoK NJSC "Talap" ("Kasipkor"); winner of the Certificate of Quality "Khalyk tandauy" "" Altyn kyran "in the nomination" Bilim take "of the Regional League of Consumers" Kyran "of the national business rating in the RoK award in the nomination" For contribution to innovation in the tradition of the International competition "Grand Prize for quality". The Swiss programme of awarding the enterprise of leaders; the owner of the National Certificate "The leader of the sphere of education - 2015" for outstanding achievements in the field of education and for a significant contribution to the development of RoK; in the regional competition "En Uzdik teknikalyk zhane kasiptik take uymy-2020" the college took the 1st place.

### 8.3 Allocation of budget and resources for training.

The DAT budget consists of cash receipts from several sources: 1) through the implementation of the 005 programme of the Ministry of Health of the Republic of Kazakhstan; 2) at the expense of the local executive body (M&E); 3) through the implementation of the state order under the local budget programme 003 "Advanced training and retraining of specialists in practical health care"; 4) at the expense of individuals. The ratio of the number of students trained in the republican budget (RB) and the local budget (LB) is presented in Table 10.

**Table 10. The number of students enrolled in programmes of additional and/or non-formal education in the dynamics for 5 years**

| Years                  | Number of trainees |             |             |            |           |             |
|------------------------|--------------------|-------------|-------------|------------|-----------|-------------|
|                        | RB                 | MB          | Paid        | Workshop   | Teachers  | Total       |
| <b>2017. (XI, XII)</b> | 12                 | 100         | 122         | 86         | -         | <b>320</b>  |
| <b>2018.</b>           | 45                 | -           | 620         | 39         | -         | <b>704</b>  |
| <b>2019.</b>           | 90                 | -           | 1652        | 35         | -         | <b>1777</b> |
| <b>2020.</b>           | 125                | 1050        | 304         | -          | 16        | <b>1496</b> |
| <b>2021.</b>           | -                  | -           | 491         | -          | -         | <b>491</b>  |
| <b>2022.</b>           | -                  | -           | 418         | -          | -         | <b>418</b>  |
| <b>Total</b>           | <b>272</b>         | <b>1150</b> | <b>3607</b> | <b>160</b> | <b>16</b> | <b>5205</b> |

In an interview with the management of the College, members of the EEC found that the main directions in ensuring financial and economic sustainability are strengthening the revenue side by increasing the number of listeners (in the dynamics from 2016 to 2022, the number of listeners increased to 5,205 people, while there was a decrease in the number of listeners in 2021 – 491 people, in 2022 – 418 people, which was affected by the lack of funds from the Republic of Belarus, MB.

Over the past 2-3 years, the funding of the college has been increased and amounts to 128,843,900.00 tenge. This is due to the cost of renovating the premises, expanding the area for training students, updating the material and technical base, purchasing modern equipment for the simulation center. Thus, a multifunctional computerized dummy for simulating childbirth (birthing and newborn), a computerized dummy for simulating childbirth (birthing and newborn) Smart Mom Basik, a dummy for resuscitation (CPR) and intubation care (M)x1 Smart Stat Basik, a training dummy (computerized) – an adult simulator for working off

basic CPR and Wi-Fi-enabled defibrillation skills. Also purchased models of the female pelvis, fetal circulation, placenta, etc., equipment for therapeutic, pediatric and surgical simulation rooms. To practice nursing manipulations, 19 mannequins, models and simulators were purchased.

For example, in 2021, a dummy was purchased to practice care skills, a full-height Keiko dummy (cost 430,000 tenge) and a newborn dummy for care and condition monitoring (cost 774,000 tenge).

At the end of 2022, it is planned to purchase a mobile training and simulation complex (START) based on a car worth 66 million tenge, intended for training and certification of healthcare specialists using simulation technologies.

#### **8.4 Administration.**

College management applies effective and open recruitment and appointment criteria to faculty positions and guarantees equal employment opportunities consistent with legal requirements and any other selection criteria. Recruitment of teachers and employees is carried out on the basis of resumes provided in accordance with the staffing table approved by the director of the college and agreed with the Supervisory Board. This takes into account education, work experience, experience, qualification category.

The teaching staff is formed on the basis of the needs for the effective implementation of educational programmes.

According to the staffing table, the head of the DAT is the head of the department, who organizes educational and methodological work at the department, studies the needs of medical organizations in the advanced training and retraining of nurses, draws up a plan for the advanced training and retraining of medical personnel and a schedule of classes for PC cycles, selects teachers, provides timely reporting on the state service, ensures the maintenance of documentation in accordance with current standards, etc.

The methodologist is engaged in the organization and analysis of the educational and methodological work of the college advanced training department, who carries out work on the preparation of educational and methodological and educational-planning documentation, studies and implements proposals for improving the effectiveness of the educational process and methodological work, participates in the preparation of plans, methodological curricula and standards for additional medical education, ensures the implementation of a full package of students' documents and the issuance of documents of the established sample on the completion of the course/cycle, conducts regular monitoring of the quality of training of cadets, the organization and analysis of training groups on a self-supporting basis, provides monthly information on the number of doctors and nurses trained in DAT.

The college pays attention to the selection of pedagogical personnel with professional education who own modern teaching methods. The institutional policy of teaching staff management is implemented within the framework of such principles as: accessibility of leadership, creation of an environment for creative activity, stimulation of teachers' activities, training and self-

education of teachers, provision of a workplace and equipping classrooms with modern teaching tools, access to high-speed Internet, library resources and digital resources.

Employment contracts have been concluded with all teachers and staff. When employing newly arrived teachers, the educational and methodological department of the college conducts briefings on the organization and methodology of the lesson, maintaining documentation.

**EEC Conclusions on Criteria.** Compliant with 8 standards: fully – 8, partially – 0, do not comply – 0.

**Standard 8: Implemented**

**Recommendations for improvement identified during the external visit: none.**

## **Standard 9: CONTINUOUS RENEWAL**

### **Evidence of compliance:**

DAT is the leading organization of this direction and the base of practice for students of the courses. DAT has a system of updating the organizational structure, administration in accordance with the new NLA, the needs of practical health care.

DAT annually publishes articles in the newspaper "Densauyk Alemi – World of Health" and the republican medical journal "Resident", employees of the department appear on television.

In the College Development Programme for 2021-2025 in the direction "2.5. Modernization of the material and technical base of the college" includes measures for continuous improvement in terms of updating the material fund, purchasing modern equipment, expanding the bases of clinical training of students, in the direction "2.4. Training and formation of professional and pedagogical culture of college employees ", attracting professional and competent teachers and increasing the competitiveness of services provided by the organization in the field of additional education.

Evaluation of the effectiveness of DAT activities is based on the satisfaction of listeners.

**EEC Conclusions on Criteria.**

Compliant with 5 standards: fully – 5, partially – 0, do not comply – 0.

**Standard 9: Implemented**

**Recommendations for improvement identified during the external visit: none.**

Thus, when conducting an external institutional assessment, it was established that out of 97 accreditation standards, full compliance with 92 accreditation standards was established, including 62 (100%) basic standards and 30 (86%) improvement standards. The implementation of improvement standards (in standards 1,3,4,6,8) indicates the compliance of the organization of education with the international consensus on the organization of additional and non-formal education in terms of teacher training, resource availability (simulation equipment), student assessment, education management. No standards inconsistencies have been established.

**5. Recommendations for improving the institutional activities of the "Departments of Advanced Training of Secondary Medical Workers with a Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Department of Health of the Akimat of Zhambyl region:**

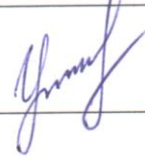
1. Plan integrated training programmes together with Asfendiyarov KazNMU on topical topics for students of additional and non-formal education to meet the needs of practical health care (Standard 2)
2. Develop and implement a mechanism for involving teachers in the implementation of scientific projects with the subsequent introduction of results in the educational process (Standard 5)
3. Ensure the active participation of college teachers and students in regional, national and international scientific and practical events with annual dynamics of growth in the number of participants.
4. Within the framework of continuing vocational education programmes, develop international cooperation with the aim of joint activities and exchange of experience on issues of additional education. (Standard 6)
5. Organize and monitor the professional competence of the student after the completion of the advanced training programme in the college to assess the quality of educational programmes and plan their improvement. (Standard 7)

**6. Recommendation to the ECAQA Accreditation Board**

The members of the EEC established the compliance of the "Department of Advanced Training of Secondary Health Care Workers with the Regional Simulation Center" PSE on REM "Zhambyl Higher Medical College" of the Health Department of the Akimat of Zhambyl region with the Standards of institutional accreditation of organizations of additional and non-formal education (continuing professional development) and came to a unanimous opinion to recommend the ECAQA Accreditation Council to accredit this organization for a period of 5 years.

|                               | Name                           | Signature   |
|-------------------------------|--------------------------------|---|
| Chairperson – Academic Expert | Alibaeva Aigul Serikpaevna     |  |
| Foreign expert                | Tozhiboeva Gulnora Sheralievna |  |
| Academic expert               | Kumarova Altynai Baltabaevna   |  |
| Employers' Representative     | Baimukhanova Farida Sufkhievna |  |
| Student Representative        | Mukhanbetzhanova Raushan       |  |

Observer from ECAQA Umarova M.A



**Quality profile and criteria for external evaluation of the educational programme  
(generalization)**

| Standard | Evaluation Criteria  | Number of Standards | Basic standards/<br>Improvement<br>standards | Estimation      |                     |               |
|----------|--|---------------------|--|-----------------|---------------------|---------------|
|          |  |                     |  | Fully compliant | Partially compliant | Non-compliant |
| 1.       | MISSION AND END OUTCOMES   | 11                  | 7/4  | 11              |                     |               |
| 2.       | EDUCATIONAL PROGRAMME  | 13                  | 9/4  | 13              |                     |               |
| 3.       | ASSESSMENT AND DOCUMENTATION                                       | 11                  | 8/3  | 11              |                     |               |
| 4.       | THE HEALTHCARE PROFESSIONALS (INDIVIDUAL PROFESSIONAL DEVELOPMENT) | 13                  | 8/5  | 13              |                     |               |
| 5.       | CPD PROVISION  | 11                  | 5/6  | 10              | 1                   |               |
| 6.       | EDUCATIONAL RESOURCES  | 15                  | 10/5   | 12              | 3                   |               |
| 7.       | EVALUATION OF CPD ACTIVITIES                                       | 10                  | 5/5  | 9               | 1                   |               |
| 8.       | ORGANISATION   | 8                   | 5/3  | 8               |                     |               |
| 9.       | CONTINIOUS RENEWAL   | 5                   | 5/0  | 5               |                     |               |
|          | <b>Total:</b>  | <b>97</b>           | <b>62/35</b>                                 | <b>92</b>       | <b>5</b>            |               |
|          |  |                     |  | <b>97</b>       |                     |               |



**List of documents examined by EEC members as part of an external assessment of the organization of education**

| <b>№</b> | <b>Document Names</b>   | <b>Quantity</b> |
|----------|---|-----------------|
| 1        | ZHMC DAT Institutional Self-Assessment Report   | 1               |
| 2        | License for educational activities of KAZ/RUS with application  | 2               |
| 3        | Trust Agreement No. 24692-ЭТII dated March 9, 2021 No.7-562 with Asfendiyarov KazNMU  | 1               |
| 4        | College Development Programme 2021-2025   | 1               |
| 5        | Organizational structure of PSE on REM «Zhambyl Higher Medical College»   | 1               |
| 6        | Code of Ethics  | 1               |
| 7        | Regulations on the department of advanced training with a regional simulation center  | 1               |
| 8        | Minutes of DAT meetings with RCC  |                 |
| 9        | TS PC Certificates  | 3               |
| 10       | Educational and methodological complex  | 2               |
| 11       | Independent work of students  | 3               |
| 12       | Advanced training programmes  | 2               |
| 13       | Number of contracts with clinical bases   | 18              |
| 14       | Documents of enrollment of students (application, personal card, a copy of the diploma, application, certificate of specialist)   | 25              |
| 15       | List of full-time teachers, part-time employees   | 2               |
| 16       | Personnel policy  | 1               |
| 17       | Degree of teachers  | 1               |
| 18       | Regulations on the activities of the mentor   | 1               |
| 19       | Programmes for additional education   | 1               |
| 20       | Non-formal education programmes   | 1               |
| 21       | Certificates of advanced training   | 10              |
| 22       | Teacher Visits Sheets   | 3               |
| 23       | Regulations on the conditions of remuneration, bonuses and social security PSE on REM "Zhambyl Higher Medical College" of the Department of Health Care of the Akimat of Zhambyl region | 1               |
| 24       | Schedules of refresher courses and certification courses  | 3               |
| 25       | Plans for DAT to work with RCC  | 1               |
| 26       | Calendar plans of refresher courses and certification courses   | 4               |
| 27       | Student attendance and progress logs  | 3               |
| 28       | Logs of registration and issuance of certificates   | 1               |
| 29       | Duplicate Certificate Issue Log   | 1               |
| 30       | Staff list of employees of the department   | 1               |
| 31       | Applications for refresher courses, certification courses and non-formal education of nurses  | 3               |
| 32       | Orders to listeners   | 3               |
| 33       | Questionnaire for assessing the satisfaction of employers and students  | 10              |