To Accreditation Council of Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health Care

## REPORT OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL PROGRAMME IN 6B10101 <u>"GENERAL MEDICINE"</u> OF SEMEY MEDICAL UNIVERSITY FOR COMPLIANCE WITH THE STANDARDS FOR ACCREDITATION OF BACHELOR'S DEGREE PROGRAMMES IN HIGHER EDUCATION INSTITUTION FOR HEALTH PROFESSIONS EDUCATION

period of external expert evaluation: 26.01.-28.01.2022

Semey, 2022

## CONTENT

	Symbols and abbreviations	2
	Composition of the external expert commission	3
	General part of the final report	4
2.1	Introduction to Semey Medical University and the educational programme "6B10101 General Medicine"	4
2.2	Information about previous accreditation	7
2.3	Report on the results of reviewing the report on self-evaluation of the educational programme in "6B10101 General Medicine" for compliance with the Accreditation Standards for the bachelor's degree educational programme in higher education institution and conclusion	7
3	Description of external expert evaluation and report	8
4	The results of the faculty and students survey	14
5	Analysis for compliance with accreditation standards based on the results of an external evaluation of educational programme in "6B10101 General Medicine"	17
6	Recommendations for improvement of the educational programme "6B10101 General Medicine"	31
7	Recommendation to the Accreditation Council	32
	Annex No. 1. Quality profile and criteria for external evaluation of the educational programme "6B10101 General Medicine"	33
	Annex No. 2. List of documents reviewed as part of an external expert evaluation	34
	Annex No. 3. Site-visit programme	40
	Annex No. 4. List of interviewees	43

## SYMBOLS AND ABBREVIATIONS

Abbreviation	Description
AC	Accreditation Council
СМЕ	Continuing Medical Education
CPD	Continuing Professional Development
EB	Expert Board
EEC	External Experts Commission
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care
ESG	Standards for accreditation the Higher Education Institutions for Health Professions Education based on the Standards and Guidelines for Quality Assurance in the European Higher Education Area
EQA External Quality Assurance	
HEIS Higher Education Institutions	
IQA	Internal Quality Assurance
IT	Inforation Technology
MoES RK	Ministry of Education and Science of the Republic of Kazakhstan
MoH RK	Ministry of Health of the Republic of Kazakhstan
OSCE	Objective Structured Clinical Exam
OSPE	Objective Structured Practice Exam
RK The Republic of Kazakhstan	
SAR	Self-Assessment Report
WFME	World Federation for Medical Education
WHO	World Healthc Organization

## 1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 37 dated December 28, 2021, an External Expert Commission (hereinafter - EEC) was formed to conduct an external evaluation of the bachelor's degree educational programme in the specialty "6B10101 General Medicine" during 26-28.01.2022 in the following composition:

No.	Position in the EEC	Full name	Expert data
1	Chair	Chingayeva Gulnar Nurtasovna	Doctor of Medical Sciences, Professor of the Department for Clinical Disciplines of the Higher School of Medicine of Al- Farabi Kazakh National University
2	Foreign Expert	Yaremenko Andrey Ilyich	Doctor of Medical Sciences, Professor, Vice-Rector for Academic Affairs of the Academician I.I. Pavlov First St. Petersburg Medical University, Head of the Department of Surgical Dentistry and Maxillofacial Surgery, President of the St. Petersburg Dental Association, Vice President of the Russian Dental Association
3	Local Academic Expert	Roslyakova Elena Mikhailovna	Candidate of Medical Sciences, Associate Professor of the Department of Normal Physiology with the Course of Biophysics of the Asfendiyarov Kazakh National Medical University.
4	Employers' Representative	Almeneva Nailya Sapanovna	Chief physician of the No. 3 Medical centre of the Semey city of the Health Department of the East Kazakhstan regional akimat, President of the National Medical Association of the Republic of Kazakhstan in the East Kazakhstan region
5	Student Representative	Abdrazakov Meirzhan Serikovich	5th year student at Asfendiyarov Kazakh National Medical University, Bachelor's degree in "General Medicine"

*ECAQA observer:* Umarova Makpal Aldibekovna, Head of the Department for Accreditation and Monitoring

The work of the EEC was conducted in accordance with the EEC Regulations.

The EEC report contains an assessment of the educational programme "6B10101 General Medicine" for compliance with the Accreditation Standards for the bachelor's degree programme of Higher Education Institution for health professions education and Report (hereinafter - Accreditation Standards), EEC recommendations for further improvement of approaches and conditions for the implementation of the educational programme and recommendations for the ECAQA Accreditation Council.

# 2. General part of the final report 2.1 Introduction Semey Medical University and the educational programme "6B10101 General Medicine"

Name of institution, form of ownership, BIN	"Semey Medical University" non-for-profit JSC				
Authorized body	Ministry of Health of the Republic of Kazakhstan				
Full name of the first head	Dyusupov Altai Akhmetkalievich, Doctor of Medical Sciences, Professor, Chair of the Board - Rector of "Semey Medical University" non-for-profit JSC				
established in	1952				
Location and contact details	071400, Semey city, Abai Kunanbayev street, 103				
State license for educational activities in the bachelor's degree (date, number)	license for educational activities No. KZ50LAA00016373 dated 06/20/2019, issued by the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan				
Information about branches, subsidiaries (if any)	Oskemen branch of "Semey Medical University" non-for- profit JSC Pavlodar branch of "Semey Medical University" non-for- profit JSC				
Starting year of the accredited educational programme (EP)	2007				
Duration of study	6 years				
The total number of graduates since the start of the EP	3770				
The number of students on the EP since the beginning of the current year	2019-2020 academic year - 3646; 2020-2021 academic year -3422; 2021-2022 academic year - 3240.				
Teaching in English began in 1998 / student population	2019 - 757 students; 2020 - 627; 2021 -1224.				
Employment rate in % / academic years	2017 - 98% 2018 - 99% 2019 - 98% 2020 - 97% 2021 - 96%				
Full time and part time academic staff	Full-time faculty members - 379, part-time faculty members - 119, involved in the implementation of the EP. The number of faculty with academic degree - 43%.				

Decree of the Government of the Republic of Kazakhstan dated February 19, 2009 No.199, the Republican State Enterprise "Semipalatinsk State Medical Academy" was transformed into the Republican State Enterprise on the right of economic management "State Medical University of Semey".

The main subject of activity of this enterprise was determined as the implementation of production and economic activities in health care and medical education (Certificate of state registration of a legal entity No.2064-1917-27 $\Gamma\Pi$  dated 27.05.2009, Series B No. 0311105).

On February 5, 2019, the University was reorganized into the Semey Medical University Nonfor-profit Joint Stock Company (hereinafter - SMU/University).

With the transition of the university to the status of the non-for-profit Joint Stock Company "Semey Medical University", the organizational structure of the university was reorganized. University website <u>https://semeymedicaluniversity.kz/o-nas/struktura/</u>

The mission of the HEI is: "Promoting the improvement of public health of Kazakhstan I citizens through the quality training of competitive specialists, by integrating the world practice of education, science and clinical education."

The vision of the HEI: "The pearl of health care in Kazakhstan is a successful synthesis of education, science and clinical practice" and "Entering the TOP-700+ universities in the world."

HEI management is implemented through joint entity: Board of Directors, Scientific Council, Academic Committee, Clinical Committee, Local Ethics Commission, Council of Young Scholars, Student Scientific Society.

The HEI develops its activities through the Development Programme (long-term plan) and Action Plan (for a calendar year), which are discussed at the Academic Council and approved by the Board of Directors with the participation of stakeholders.

The development programme of Semey Medical University was developed for 2020-2024 and is aimed at strengthening the position of the HEI in the international market of educational services.

*Goal of Development Programme No. 1*: enter the TOP-700+ universities in the world. Objectives: 1.1 Promotion to the status of a research university, 1.2 Modernization and internationalization of educational programmes in accordance with global and regional trends in the training of medical personnel, 1.3 Ensuring the financial stability of the university based on corporate governance and an effective HR policy, 1.4 Creating a supportive environment for the development of students and university staff.

*Goal number 2*: promotion of public health. Tasks: 2.1 Improving the quality of medical services, 2.2 Implementation of the Healthy University project.

The key results of the implementation of the development programme of "SMU" for 2020-2024 will be:

1) introduction of the university into the TOP-700+ universities in the world,

2) promotion to the status of a research university;

3) demand for the university in the local and foreign markets of educational and medical services;

4) stable growth of university income;

5) a high level of students and staff satisfaction with the conditions created at the university for development.

Action plan is a document developed on the basis of the University Development Programme, which defines the main goals, objectives, indicators and activities to achieve them during the calendar year. The Action Plan consists of the following goals: increasing the number of faculty members with academic degrees, including PhDs; active involvement of scholars in the educational process; capacity development of outcome-based research (practical application); increasing the dedication of faculty into research; increasing students' commitment to research; improving the position of the university in the "Atameken" rating; development of a joint programme in collaboration with foreign universities with the issuance of a double diploma; expansion of cooperation with foreign universities on the creation and implementation of joint programmes without issuing a double diploma; employment of graduates in the first year after graduation; development of internationalization of higher education; development of trilingual programmes (Kazakh-Russian-English); internationalization of the educational programmes;

attracting high-quality and talented applicants; improvement of the educational programme in accordance with international standards with the introduction of an international format of education; increasing the income of the university from educational and medical activities; capacity development of the university staff; promoting the formation of the personality of the educator and supporting significant youth initiatives; improvement of human resources and financial incentives for employees; improving the well-being of students and staff; improvement of medical care in accordance with international standards; development and support of local health care.

In accordance with the Law of the Republic of Kazakhstan "On the Mass Media" and the Charter, the HEI publishes a quarterly journal of research and practice "Science and Health", founded in 1999, as well as the newspaper "Medicine for All".

For information and technological support of the main processes of university life (education, science, leadership, etc.), the university is constantly improving and updating the information and computer park. Access to the Internet is conducted through a local network organized through a high-speed DSL channel from KazakhTelecom JSC. The Internet portal is working (<u>www.ssmu.kz</u>), currently the website of "SMU" (https://semeymedicaluniversity.kz) The university library is one of the largest libraries in Semey. The university joined the "Republican Interuniversity Electronic Library" - <u>http://lib.kazrena.kz.</u>

An agreement was signed with the National Centre for Research and Technical Information JSC (NCSTI) on the establishment of a single e-library with a full-text resource of the Springer Link and the Web of Knowledge databases (Thomson Reuters).

The university budget is formed from several sources: the state budget (state order for the training of specialists in higher, postgraduate and CPD education), the provision of paid educational services.

The students' population in "6B10101 General Medicine" for the 2019-2020 academic year was 3646 people, in 2020-2021 academic year. - 3422 students, in 2021-2022 academic year – 3240 students.

The language of learning is in Kazakh, Russian and English (since 1998). The form of education is full-time. There were 757 international students in 2019, 627 in 2020 and 1224 in 2021.

Students' enrollment is conducted in accordance with the admission rules PR-03-20-07, developed on the basis of the law "On Education" and "Model rules for admission to study in educational institutions implementing educational programmes of higher education "No. 600 dated 10/31/2018. with amendments.

The 43 departments, including major (clinical) disciplines - \_29\_ with a total number of faculty-379 people (full-time) and part-time - 119 participate in the implementation process of "6B10101 General Medicine" programme disciplines. Teachers with a scientific degree - 43%.

The "6B10101 General Medicine" programme implements the principles of the Bologna process, the credit system of education.

The main applied research direction of the HEI is the development of innovations for implementation in practical health care, including the development of mobile medicine for the rural population.

To develop cooperation, 58 agreements and memorandums have been concluded with foreign higher educational institutions and associations from 23 countries.

In 2012, the university successfully passed the State Attestation of the Ministry of Health of the Republic of Kazakhstan, in 2018 and 2020, preventive control was conducted by the Committee for Control Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

Semey Medical University began its activity on September 1, 1953. Overall, over the years of its existence, more than 25 thousand people have become graduates of the university, who successfully work in Kazakhstan and abroad.

## 2.2 Information about previous accreditation

Accreditation of the "6B10101 General Medicine" programme was held on January 23, 2021 in the accreditation body - the Independent Kazakhstan Agency for Quality Assurance in Higher Education / IQAA for a period of 5 years. Given that this agency is not included in the list of agencies that use

World Federation for Medical Education (WFME) Standards, the university management decided to accredit the standards developed on the basis of the International Standards for Quality Assurance in Basic Medical Education of the WFME. <u>https://enic-kazakhstan.edu.kz/ru/reference\_information/universities</u>

# 2.3 Conclusion on the review results of the self-assessment report of the "6B10101 General Medicine" programme for compliance with the Accreditation Standards for the bachelor's degree program of the higher education institution and conclusions

Self-assessment report of "6B10101 General Medicine" (hereinafter - the report) is presented on 152 pages of the main text, annex on 193 pages and electronic forms of documents indicated by links and included in the self-assessment report.

The report is characterized by the completeness of answers to 9 basic accreditation standards, structuredness considering the recommendations of the Guidelines for the self-evaluation of the educational programme provided to the education institution by the accreditation centre (ECAQA), as well as the internal unity of information. The report is accompanied by a cover letter signed by the rector, confirming the accuracy of information.

The report contains a list of 39 members of the internal self-evaluation commission, including the head of the working group - Deputy Chair of the Board for academic work Zhanaspaev M.A., 4 students and 4 representatives of practical health care. The responsibility of each member is indicated. The representative of the institution responsible for conducting the self-evaluation of the educational programme in "General Medicine" (GM) is the Director of the Department for Academic Affairs, Candidate of Medical Sciences, Associate Professor Zhunusova Augul Bitimbaevna.

The self-evaluation of the educational programme "6B10101 General Medicine" was conducted on the basis of the order Semey Medical University Rector No. 41 dated October 5, 2021 "On the composition of the Working Group for the self-assessment of the educational programme of the bachelor's degree" 6B10101 General Medicine "in the Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health (ECAQA).

The report was reviewed by accreditation experts (see the composition of the commission in par.1) and the reviews noted strengths and areas for improvement, as well as recommendations for amendments. As feedback from the representative of the education institution, the experts received answers to the questions that arose, and the corresponding amendments were made to the self-assessment report on the recommendation of the reviewers.

All standards contain the actual practice of Semey Medical University in preparing bachelors in the specialty "6B10101 General Medicine", considering the start of student's admission in 2007, reasoned data, examples of the implementation of the tasks of the educational programme, national and international events, methodological support, confirming compliance with the requirements of the standards for accreditation. The bachelor's programme in "General Medicine" was compiled considering the requirements of the State Compulsory Education Standard (Order of the Minister of Health No. 647, as amended on February 21, 2020), Order of the Minister of Education No. 152, with amendments, "Rules for credit technology of education". Compliance of the educational programme with external regulatory legal acts was verified as part of the monitoring of the educational programme,

The description in the self-assessment report is complete and updated in terms of the number of students, faculty, administration, information on selection and admission, learning outcomes, knowledge and skills assessment results, learning resources of the HEI and clinical facilities, contractual obligations with partners (HEIs, associations, clinical sites), financial information, plans for development and improvement, etc.

The report is submitted to ECAQA in a finalized form, with data adjusted according to the recommendations above, written in competent language, the wording for each standard is clear and understandable, and described in accordance with the criteria of the standards, the tables are referenced in the text and are numbered consecutively.

The quality of the self-assessment report served as the basis for the transition to the next stage of the accreditation procedure - external assessment. The experts plan to validate the report data for

compliance with the Accreditation Standards, compare the information from the report with the information that will be obtained during a site-visit to the higher education institution, i.e. verification of quantitative and qualitative indicators.

## **3.** Description of external expert evaluation

External expert work within the framework of the "6B10101 General Medicine" programme evaluation was conducted in accordance with the Guidelines for the External Evaluation of ECAQA Educational Organizations and Educational Programmes (approved by the order of the Director General of the "Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health Care" No. 5 dated February 17 .2017), according to the site-visit programme and order No. 37 dated December 28, 2021. Dates of the site-visit to the HEI: 26.01-28.01.2022

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

The sequence of the site-visit within 3 days is detailed in the Visit Programme (hereinafter - programme), which is in the documentation of the accreditation centre and in Attachment No. 3 to this report. The programme is an evidence of the implementation of all planned activities within the framework of an external expert evaluation.

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

- interviews with management and administration 28 employees in total;
- interviews with students 20 people;

• meeting with the core of undergraduate students (student self-government / SSU) - 16 people, including 14 members of the student research society (SSS);

• examining the website of the university: https://semeymedicaluniversity.kz/en/about-SC/

• interviewing - 37 heads of departments for bachelor's degree education and 104 faculty members of bachelor's degree education; 13 graduates; 6 representatives of practical health care / employers.

• faculty and students survey - 141 and 200, respectively;

• observation of students' learning process: attending a practical lesson of basic medical education disciplines on the topic: "Physiology of digestion in various parts of the intestine" in the "General Medicine" specialty, 2nd year, group 2124, 11 students were present (100%);

• assessment of the availability of relevant methodological materials, documentation;

• review of resources in the context of the implementation of accreditation standards: the clinical site- the Semey Medical University Hospital was visited;

• examining the internal regulatory and legal documents of the HEI and educational and methodological documents in 142 units, both before the site-visit to the institution and during the site-visit to the departments (the list of studied documents is in Annex No. 2).

On behalf of HEI the presence of all participants indicated in the site-visit programme and according to the lists of interview and interview sites (table 1 in Attachment No. 4) were ensured.

Confirmation of the compliance with **standard 1**, which defines the mission of the educational programme, in the context of improving the public health of the region and the Republic, was found during a conversation with the Chair of the Board, Rector Dyusupov Altai Akhmetkalievich. The educational programme in the specialty "General Medicine" is one of the main undergraduate programmes of the Higher Education Institution, which has been implemented since 2007 and has made it possible to train more than 3,770 graduates. Thus, the HEI fulfills the objective set by the state and the final results of the undergraduate and internship programme education meet the expectations of potential employers. This fact was established during interviews with 6 representatives of medical organizations in Semey, and they said that they are constantly in contact with the administration and provide with feedback on quality of graduates training.

Compliance with **standards 2 and 6** (educational and programme, and educational resources, respectively) was assessed crosswise. In total, the HEI has 44 clinical/professional training and practical sites (26 clinical sites for undergraduate studies), and all faculty of clinical departments (23 members) are located in clinics, health centres, medical centres, as they provide professional assistance to practical

health care. Deputy Chair of the Board for Scientific and Clinical Work Tanatarova Gulnaz Nursoltanovna demonstrated the work plans of the clinical unit, the number of consultations and prompt assistance provided annually by the faculty of the departments involved in the teaching undergraduate students. Thus, 4 health care professionals are involved in the preparation of undergraduate students, who are simultaneously practicing physicians of medical organizations, which is 21% of the total number of faculty at clinical departments. At the same time, 68% of faculty members have the highest medical category and 18% the first medical category. This undoubtedly strengthens clinical education and ensures early contact with patients and access to medical equipment and documentation. Semey Medical University has no alternative and competitive HEIs for Health Professions Education in the city and the surrounding area, except for nursing colleges where nurses and feldschers are trained.

For example, compliance with the goals and objectives of the educational programme is shown, HEI staff provides collegial and ethical relations with the medical staff, the management of the clinical site to achieve the final outcomes of students.

On the HEI clinical sites, students have the opportunity to gain knowledge in the scope of epidemiological, statistical, sanitary-epidemiological, and management activities in health care at all levels. There are 2 clinical sites for the current year: the Department of Sanitary and Epidemiological Control of the city of Almaty, the "City Student Clinic" of the Health Department of the city of Almaty. The faculty of the departments conduct clinical work on the basis of the HEI, which allows them to maintain professional skills, as well as to have access to medical records, select patients, statistics for demonstrating statistical analyzes, curation by students in accordance with the learning outcomes.

Undergradute studies start with general education and basic medical disciplines, so the experts visited the Department of Physiology and the Department of Anatomy.

The experts attended a practical lesson for 2nd year students on the topic "Physiology of digestion in various parts of the intestine, group No. 2124, faculty members Musakhanova Aizhan Ermekovna. There were 11 students (100%) present. The lesson was built in the traditional "question-answer" format, and there was a teacher's presentation. The text control of the initial level of knowledge and the final level of knowledge of students was conducted. The students were active and responded questions with interest. Methodological materials for the lesson contained a lesson plan, a list of literature for self-study, illustrations on the topic of the lesson. The students had syllabi with them. In general, all the requirements for the organization and conduct of the lesson (lesson plan) were met. Thus, the compliance of a number of criteria of standard 2 and standard 3 "Student assessment" was assessed. The process of developing and approving an educational programme at the university has long been worked out, For this, the Academic Council and the Committee of Educational Programmes function. They are working according to plans.

When reviewing the classroom fund, experts found that the Department of Anatomy has 10 study rooms, 363 dummies, as well as three medical training simulation complexes for demonstrating the structure of the head, bones, muscles and internal organs of a person with a total of 116 dummies, there are 140 teaching facilities in the mini library, 525 wet preparations are stored in the mortuary, there are 2 Anatomage tables. This is quite enough to train the existing student population in the specialty "General Medicine".

The classrooms are equipped with desks (tables), chairs, interactive tables (108 in total), portable multimedia devices, illustrated thematic stands, and computers.

Verification of the data of the self-assessment report by **standard 6** required the study of the functioning of the IT service and the provision of university departments with information and communication technologies, both in general and in individual departments. Nurlan Tlebaldin, the chief specialist of the IT centre, demonstrated the equipment of the centre and documentation. Wi-Fi is available in the main building and departments. Students and faculty can join it for free.

All classrooms are equipped with computer equipment: multimedia consoles, screens, projectors and comply with sanitary and epidemiological standards and requirements. There is an electronic voting system in the lecture halls. Number of interactive whiteboards, including used in teaching under the accredited educational programme - 415/415 pieces, of which 300 are connected to the Internet. There are 2 interactive classes for working with multimedia content. For information and technological support

of the basic life processes of the university, the university has 1210 computers, 180 laptops, more than 300 printers, 100 multimedia projectors. The total number of computers in 12 computer classes is 230 units with Internet access. Subdivisions remote from the main building (14) are provided with 100% Internet access.

The following distance technologies are involved in the implementation of the GM programme: there is a distance learning system, which is located at https://dl.ssmu.kz/login/index.php. The distance learning system is implemented using the Moodle virtual learning environment. There is also a Youtube channel of the university <u>https://www.youtube.com/user/SemeyStateMedicalUni</u>, where video lectures are posted.

The university provides security for students: entrance through the turnstile, with special magnetic cards, there is a security guard at the entrance, fire safety is constantly checked, regular sanitary and hygienic monitoring of the buffet and canteen. The university's internal quality assurance policy concerns not only the educational process, but the processes that ensure its implementation.

Visiting the clinics where the clinical departments are located, the experts were convinced of the availability of training rooms provided by the management of the clinics, as well as ensuring the safety for students and patients, since most medical organizations are accredited as medical institutions. Thus, compliance is confirmed with **standard 6**. This information was also confirmed in the course of interviews with bachelor's degree students who were satisfied with the conditions of study.

Student assessment system (**standard 3**), including current control (formative assessment), intermediate assessment (summative assessment) and final assessment, was checked during the study of the relevant documentation: Regulations on Academic Policy; Regulations on the organization and conduct of current, intermediate, final control; syllabi; blueprints that indicate the core competencies and type of assignment; educational journals 2, 3, 5 courses (optional); control and measuring means; test tasks in the test centre; situational tasks for practical exercises; methodological materials for conducting OSCE; Automated information system (AIS) Keyps - section "Record of discipline grades".

The HEI, like most medical higher education institutions in Kazakhstan, has adopted a letter and point grading system for assessing the educational achievements of students. The forms of practical summative assessment are an objective structured practical exam (OSPE), an objective structured clinical exam (OSCE), a mini-clinical exam. According to the opinion of faculty, which was obtained during the interview, these are convenient and well-established forms of assessment that give their results. During the interview, the students confirmed that all syllabi attached to the AIS Keyps for disciplines are available to students from the moment they are published, faculty carry out advisory work on preparing for exams, test tasks without answers are posted on the university's intranet resource so that students can prepare, in the simulation centre there is a schedule for preparing for practical exams. In general, students are satisfied with the methods and fairness of assessing their knowledge and skills. The HEI has a well-developed methodology for assessing the validity and reliability of tests. So, the test results are subjected to statistical processing (psychometric evaluation) using the programme "Psychometrica", then all non-valid test items are not taken into account while grading the student. The assessment for testing is set with a correction factor taking into account the results, i.e. focusing on those who passed the "excellent" and "unsatisfactory". test results are subjected to statistical processing (psychometric evaluation) using the programme "Psychometrica", then all non-valid test items are not taken into account when grading the student. The assessment for testing is set with a correction factor considering the results, i.e. focusing on those who passed the "excellent" and "unsatisfactory".

The chief specialist of the registrar's office Rakhimzhanova Bayan Kurultaevna demonstrated the work of this unit, the system for registering and recording student assessment results, which is a transparent and controlled system that eliminates corruption risks. Faculty are pre-trained to correctly fill in electronic journals and statements, which minimizes errors and can regularly consult with specialists from the registrar's office. Proctoring system has been introduced in the Test Centre of the University, which excludes the bias of faculty and dishonesty of students. During offline examinations, on-duty faculty and employees of the registrar's office act as proctors. When testing students, a certain time is allocated for the answer, during which the student can first answer questions, in the answer to which he is sure, and later returns to missed tests. As a proctoring at the university during distance

learning, the time pressure allocated for the answer was used. The established limit of 1.5 minutes was extended to 2 minutes at the request of the students. In addition, students did not have the opportunity to skip test questions in order to return to them, that is, if at the end of 2 minutes the student did not answer the question, then he did not have the opportunity to return to this question.

The experts obtained evidence that at the Semey Medical University students admission to the educational programme "General Medicine" is carried out in accordance with the Legislation of the Republic of Kazakhstan and the Model Rules for Admission to Education. For this purpose, a selection committee is created annually, the chair of which is the rector. The university admission process is centralized, which eliminates corruption risks and depends little on the university itself, except for the fact that there is a "passing score", which must be at least 70 points for applicants entering on a paid basis. Those applicants who in 2021 applied for a state grant for education had 117 points at Unified National Testing (UNT), and in 2020 - 103. At the same time, for each subject of the UNT - reading literacy, mathematical literacy, history of Kazakhstan, biology and chemistry should be at least 5 points. Thus, in 2021, student admissions were more challenging.

The HEI cooperates with the health authorities of the regions and the education departments of the regions. The results of this cooperation is the annual allocation since 2018 of the state educational order at the expense of the local budget of the East Kazakhstan (EKR) and Pavlodar regions. So, in 2020, 43 students who received a grant from East Kazakhstan enrolled in the educational programme "General Medicine". In 2021, 8 students received a grant from the Akmola region. From 2021, quotas for admission to a university are provided for large and single-parent families (5 students entered the Semey Medical University). Students from socially vulnerable category of the population are primarily provided with places in dormitories and for 2021 there are 44 orphans to study.

The university has a developed system of student self-government (SSS) and student organizations (sports, cultural, educational, patriotic, volunteer). The experts met with the student activists, headed by Amirlan Askarov, recently elected by open voting (5th year student majoring in General Medicine). Experts were able to obtain reliable information about 15 youth clubs of the university on the website and pages of social networks of the university and student organizations. Thus, the experts received convincing data about a healthy microclimate at the university, a full-fledged student life and extracurricular activities that contribute to the development of students' horizons, the formation of a need for self-knowledge and self-development.

The university has a unit responsible for the employment and career prospects of graduates and the dean of the School of Medicine Uzbekova Saltanat Yesengaliyevna provided information on the system of monitoring and feedback with graduates of the educational programme "General Medicine". The percentage of employment of graduates is on average 97-98%, without decreasing for 5 years. This is a significant indicator of the quality of the education at the university, and the fact that some of the graduates of the educational programme "General Medicine" intend to continue their studies in the residency specialty of the same university after completing their internship programme also testifies to the high reputation of the University. So, in 2021, 249 people are enrolled in residency programmes in 34 specialties. University graduates entered the residency of the Semey Medical University in 2019, 2020 and 2021 - 203, 231 and 249 people, respectively.

In interviews with undergraduate students (20 people), experts assessed compliance with accreditation standards regarding student participation in the development and evaluation of an educational programme, admission to patients and equipment, participation in university events, considering students' opinions in solving various issues, student support (consulting, supervisors, advisors, tutors), providing relevant documentation, satisfaction with the educational process in general and in particular with the assessment methods, teaching, resource availability, including the library and IT, the extracurricular environment. Experts received positive responses to all questions. Students demonstrated their commitment to their university and they were active in answering questions from external experts, demonstrated their judgment on the organization of training, assessment of their skills, advisory support, opportunities to participate in R&D, financing. These indicators indicate the fulfillment of a number of sections of standards 3,4,7 ("Evaluation of the educational programme").

The system for collecting and analyzing feedback from all participants in the educational process at the university has been introduced for a long time and demonstrates its constancy. The university has implemented a quality management system for 10 years, which includes an annual survey and assessment of the satisfaction of faculty, staff and students.

The university is characterized by a good staff and teaching capacity, for example, 21 doctors of science, 125 candidates of science, 34 PhD, 84 master's degree, 7 members of professional associations and scientific societies take part in the training of undergraduate students, which fully indicates the compliance of one of the sections of the standard **5 "Faculty"**.

The professional development programme of faculty was assessed. The experts were selectively acquainted with the individual plans of faculty (Tokesheva A.M., head of the department of histology, Kanapiyanova G.B., assistant of the department of rheumatology and infectious diseases). Head of the Department of Medical Education Balashkevich Natalya Alexandrovna and Chief Specialist of the Human Resources Department Kadirova Elmira Asylbekovna demonstrated the main documentation regarding the admission, recruitment and development of faculty. In order to maintain transparency, competitive meetings are broadcast online on the university's official page on the facebook.com social network. According to the interview with 38 faculty members, there is a system of permanent certification of the faculty at the HEI, which is carried out once every 5 years. The faculty members told that through the HR specialist of personnel and legal support, applications for advanced training in pedagogy are formed, and the advanced training department offers a number of cycles in the clinical direction. The international department of the university organizes on a competitive basis the mobility of faculty and internships at Bashkent University (Turkey), which is a strategic partner of the Semey Medical University. Interviews with 38 teachers demonstrated that all students are admitted to the equipment, there is a sufficient number of thematic patients, there is enough time for maintaining medical records and independent work. The international department of the university organizes on a competitive basis the mobility of teachers and internships at Bashkent University (Turkey), which is a strategic partner of the Semey Medical University. Interviews with 38 teachers showed that all students have an access to the equipment, there is a sufficient number of thematic patients, there is enough time for maintaining medical records and independent work. The international department of the university organizes on a competitive basis the mobility of faculty and internships at Bashkent University (Turkey), which is a strategic partner of the Semey Medical University.

The university has a documentation system that is transparent and accessible to all faculty and staff, and includes documents such as annual operating plans, annual reports, regulations of departments, contracts with faculty and students, regulations of existing commissions for improving the quality of education, and educational and methodological documentation (work programme, working training plans, syllabi, journals), evaluation tools (checklists, statements), licenses, certificates and identification documents.

A review of the website showed that its pages contain the necessary information for undergraduate students according to the schedule, academic calendar, catalog of elective disciplines, types of educational and clinical practices, plans for educational work, research activities, including electronic databases and foreign databases (Scopus, ThomsonReuters, etc.) and there is information for students on educational, scientific and educational issues, which is regularly updated.

On the last day of the site-visit to the institution there was a meeting of the EEC members was held following the results of the external evaluation. A final discussion of the results of the external evaluation of the educational programme, the study of documents, the results of interviews, and questionnaires was held. EEC members started drafting the EEC final report. Generalizations of the results of the external evaluation are made. Each member of the EEC individually completed the "Quality Profile and Criteria for External Evaluation of the Educational Programme "General Medicine" for Compliance with the ECAQA Accreditation Standards". No comments were made by the EEC members. Recommendations for improving the educational programme were also discussed by the chair Chingayeva G.N. a final open vote was held on recommendations for the ECAQA Accreditation Council on the period of accreditation of the above educational programme.

Comfortable conditions were created for the EEC work, access to all necessary information and material resources was organized. The Commission notes the high level of corporate culture at Semey Medical University, a high degree of openness of staff in providing information to the EEC members.

At the end of the programme of the site-visit, the EEC chair announced recommendations for the management and employees of the HEI based on the results of an external assessment as part of specialized accreditation.

### 4. Survey results.

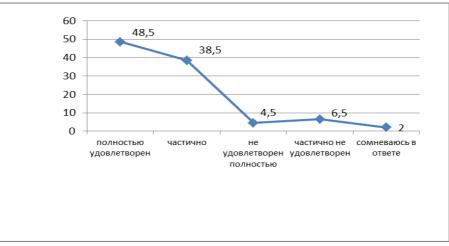
From 26.01.2022 to 28.01 2022, ECAQA secretary conducted an online survey at https://webanketa.com/.

The student survey includes 39 questions. Total number of respondents are 200, including 12 graduates (a total of 1275 students for the current year).

Respondents answered questions about the degree of satisfaction with their HEI as follows: students would recommend to study in this HEI to their acquaintances, friends, relatives 58.5% of respondents; partially - 32%; 6% doubt and 3.5% won't.

Student' satisfaction rate that they study at this HEI; completely agree -65.5% of respondents, partially - 29%, completely disagree 1.5%, partially disagree 2.5%, 1.5% of respondents could not express their attitude to this issue. About the involvement of students by programme managers and faculty in the work of advisory bodies (methodological council, academic council, committees of educational programmes) 21.5% of students answered constantly, 68.5% - do not involve, 10% of respondents do not know anything about it.

The task of ensuring high quality education is largely determined by the favorable conditions and infrastructure of the university, in this regard, 48.5% of the population of this HEI responded positively to the conditions and equipment at the classrooms, 38.5% were partially satisfied, 4.5% were completely dissatisfied, and partially 6.5% were not satisfied, 2% doubted the answer (Figure 1).



**Figure 1.** Satisfaction with the conditions and equipment of classrooms, classrooms at the departments that teach in 1-3 study years

There are conditions for students to rest and eat (rest rooms, benches / gazebos on the territory, buffet-dining room) in between classes - 52% completely agree, 17% partially, completely disagree - 9.5%, partially disagree 18.5%, 3% doubt the answer.

The organization of the educational process and research activities is one of the important components of each university on the issue of providing students with handouts, tests, tasks, additional literature for training on a regular basis completely agree - 64%, partially -25.5%, rarely represent 8.5%, doubt the answer 2 %.

Regarding the research activities: 28% of population answered - yes, I plan to start - 42%, no 25.5%, 4.5% expressed lack of desire.

The library at the university supports the informative, educational and scientific basis of the student, to the question: is there any educational literature in the disciplines that the faculty recommend, 81.5% answered positively, 7.5% of the students indicated that the necessary textbooks were insufficient, 5% answered that they did not use the services of the university library, 3% answered that not all of the specified textbooks are available and 3% - I cannot answer the question.

The provision of assistance by tutors to students on a permanent basis was noted by 40% of students, sometimes indicated by 19%, at the initiative of the student, the tutor helps in 16.5%, rarely 8%, 16.5% do not know their tutor.

The attitude of HEI faculty and staff towards students was indicated with respect by 84.5%, 7.5% did not agree with this statement, 8% did not answer this question.

Social programmes are the solution to a particular problem, the socio-economic effect of which is expressed in improving the quality of life of all stakeholders. To the questions: HEI conducts social programmes to support students are being implemented, 71.5% of respondents agree, 1% disagree, 19.5% have not heard about these programmes, 4% did not answer this question.

The Internet and information and communication technologies act as the main tool for improving the quality and efficiency of the provision of educational services, to the question: office equipment (computers, laptops, printers) are available for students in classrooms and practice sites 54% answered positively, 34% partially disagree, completely disagree with this statement - 7% and 5% doubted the answer.

Independent work of students of all forms and types of education is one of the mandatory types of educational activities at the university, 61% completely agree, 31% partially, 2.5% did not completely agree with this statement, 3.5% partially disagree, 2% of respondents found it difficult to answer.

Clinical (practical) training of students is also one of the mandatory types of educational activities at the university. To the questions: evaluate the clinical (practical) training site, 45.5% answered excellent, 28% good, 6% satisfactory, 3.5% unsatisfactory; there is sufficient time for practical training fully agree - 52.5% of respondents, partially agree - 24.5%, completely disagree 12%, partially disagree with this statement - 3%, doubt the answer - 8%;

The assessment of knowledge and skills was fairly and correctly assessed completely by 61%, partially by 29.5%, unsatisfactory by 7%, 2.5% of respondents doubted the answer (Figure 2).

Collecting feedback from students is important for assessing satisfaction rate with the educational programme, making adjustments (voicing opinions, mini-questionnaires, working on mistakes) fully agreed 56.5%, 28% answered that they do sometimes, rarely 9.5%, never 4%, 2% didn't know what to answer.

Evaluation of the faculty as a professional physician, a person (ethics, communications, appearance, speech), who is a role model for students - 70% completely agreed, disagreed with this statement 1.5%, 215% of respondents noted that they do not correspond to this statement, 7% doubted the answer.

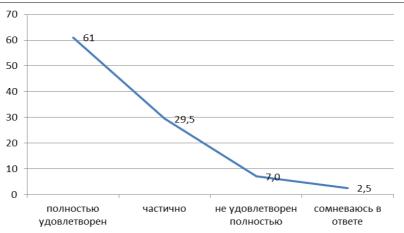


Figure 2. A fair and truthful assessment of the knowledge and skills of the student is carried out

To the question: this HEI allows you to acquire the necessary knowledge and skills in the chosen specialty - 81.5% expressed confidence, 2% are not sure, 11% could not answer the question, 3.5% answered that "I would like to believe in it", 2% expressed doubt.

In connection with the accreditation, when asked about the involvement of students by faculty in preparations for institutional or specialized (programme) accreditation, 40% indicated that they were involved in the preparation of the report, 31.5% were not involved, 6% - to organize a meeting, 7% at all stages of preparation, 1% indicated that they were involved in connection with the knowledge of a foreign language, 3% indicated that they refused for a good reason and 11.5% heard about accreditation for the first time when an external expert commission arrived.

In general, the results of the students' survey demonstrate satisfaction with the educational process, methodological and resource support, teachers' competencies, social support for students, satisfaction with the knowledge assessment system. There is a need to improve feedback from faculty.

## The faculty survey included 26 questions.

The questionnaire was sent to 141 teachers and 141 respondents answered. An analysis of the faculty survey demonstrated that 65.96% of all respondents had more than 10 years of teaching experience, 13.48% - 5-10 years, and 20.57% - up to 5 years. According to the profile of the specialty: therapeutic was 29.79%, pediatric 8.51%, surgical 12.06%, functional diagnostics 1.42% and other (block of general education disciplines) - 48.23%.

The 60.28% are completely satisfied with the educational process, the principles of both ethics and subordination are observed as 80.85% of the respondents agree. The 76.6% of the faculty are completely satisfied with the organization of labor and jobs. There are opportunities for career growth and development of faculty competencies according to 77.3% of respondents. There is an opportunity to engage in R&D for 69.79% of the total number of faculty. According to the survey results, it was revealed that 17.73% of the respondents were not satisfied with the salary. The 60.28% of faculty are satisfied with the work of the human resources office at Semey Medical University. According to the survey results of faculty, 72.34% passed the professional development during the current year. The 75.18% of respondents are satisfied with the microclimate in the team, and 75.89% have the opportunity to realize themselves as a professional in their specialty, while 58.16% noted that university students have a high level of knowledge and practical skills. Applications for the purchase of methodological and didactic materials, office equipment, stationery to ensure the educational process at HEI are timely fulfilled according to 60.99% of the faculty.

It is necessary to pay attention to the support of the faculty for participation in conferences of the international and national levels, since only 29.79% are satisfied with the organization of this issue. On the access of students to clinical sites, 61.7% of respondents expressed full agreement. When preparing for classes, 80.14% of the respondents noted that they have all the necessary materials, including cases, syllabi, an educational and methodological complex of the discipline, control and measuring tools, etc. 20.57% of faculty from clinical disciplines indicated that only 30% of the total time is devoted for the theoretical part of the study time; 31.91% - of faculty devote 50% to theory.

The 28.37% of respondents are fully satisfied with the previous training of students, partially 47.52% of respondents, whereas 48.23% of the respondents were students' supervisors. The combination of teaching and clinical work was satisfied by 21.99%, 50.35% were faculty of basic disciplines.

As regards the provision of social support to teaching staff, 47.52% of them confirm their implementation.

Only 56.74% of faculty participated in the development of the curriculum.

The 65.96% of respondents rated their professional level as high.

Applications for the purchase of methodological and didactic materials, office equipment, stationery to ensure the educational process in the organization are timely fulfilled according to 72% of the teaching staff.

With regard to the applied teaching methods, majority of faculty prefer oral analysis - 73.05%; small group work (TBL) - 81.56%, interactive learning - 43.97%, lectures - 29.79%, problem-based learning (PBL) - 34.75%, etc.

Conducting this survey was considered useful for developing recommendations for improving the key areas of the university's activities - 56.74% of respondents.

In general, it can be noted that the faculty of Semey Medical University is satisfied with the organization of the research and educational process, but it is recommended to pay attention to the increase of salary for faculty, the improvement of the material and technical base, the possibility of participating in conferences at the international and republican level.

The results of the survey generally demonstrate satisfaction with the educational process, resources of the clinical site, faculty competencies and also indicate the existence of a centralized management of educational programmes.

## 5. Analysis for compliance with accreditation standards based on the results of an external evaluation of the educational programme "6B10101 General Medicine"

## Standard 1: MISSION AND VALUES Evidence of completion:

Experts assessed the effectiveness of the implementation of the Development Programme at Semey Medical University for 2020-2024 in the context of educational work at the undergraduate level and setting goals and objectives for the implementation of the educational programme in the specialty "General Medicine". At the same time, it was found that the employment rate of graduates of the programme is \_\_96\_%, which indicates the demand for the university in the domestic market of educational services. The experts were presented with the mission of the university, the School of Medicine and the educational programme "General Medicine", which act in alliance to and are subject to one strategic role: "Promoting the improvement of the public health of Kazakhstan ...". The university has a Committee of Educational Programmes (CEP) and an Academic Committee, where the mission of the educational programme was developed, discussed and approved.

The university has a difficult task of entering the TOP-700+ universities in the world, in this regard, the university staff demonstrates all the conditions and the desire to provide high-quality training of competitive specialists. In particular, the university has an organizational structure that has shown its effectiveness, and all participants in the educational process work together to achieve a high goal. At the same time, the training programme includes not only the goals of transferring knowledge, skills and abilities, but also the creation of conditions for the personal development of students, expanding their creative potential and social competencies. It is unequivocal that the university complies with the requirements of the State Compulsory Education Standard (SCES) and the learning outcomes of bachelor's degree education are constantly monitored, announced to students, and reviewed at curriculum committee meetings. The experts studied the educational and methodological documentation of the educational programme and the learning outcomes in the disciplines are described in syllabi, posted in the LMS KEYPS. During the site-visit, it was determined that students have free access to all educational and methodological materials (discipline syllabus, blueprints, links to literature and video materials) on each topic of the educational programme.

*Conclusions of the EEC according to the criteria.* Put of 11 standards conform: completely - 11, partially - 0, do not correspond - 0.

Standard 1: met

Recommendations for improvement identified during the external visit: No

## Standard 2: EDUCATIONAL PROGRAMME Evidence of Compliance:

When studying the documentation, it was established that the educational programme "General Medicine" ("GM") was drawn up considering the requirements of the State Compulsory Education Standard (Order of the Minister of Health No. 647, as amended on February 21, 2020), Order of the Minister of Education No. 152, with additions and changes "Rules of credit technology of education". The educational programme has undergone an independent examination by a national expert and is included in the register of educational programmes "Unified System for Recording Higher Education".

At the same time, the strategic partner of the Semey Medical University (SMU) - Bashkent University (Turkey) participated in the development of the educational programme, which used the TUKMOS National Turkish Competence Catalog and the CanMEDS Competence Catalog. Faculty of the Semey Medical University said in an interview that, having studied the experience of Bashkent, they discovered their own catalog of competencies.

A distinctive feature of the educational programme is the inclusion of 173 symptoms and conditions, the levels of the graduate's actions when they are detected. The list of diseases/clinical problems is presented by 366 nosologies, the levels of their development are determined. The educational programme describes 8 roles (competencies) of the graduate: medical expert, communicator, collaborator, leader, health advocate, lifelong learner, professional, scientist. Thus, the programme presents a competency model for a graduate of the Semey Medical University. At the same time, competencies are structured according to specific topics of each discipline in the form of a blueprint and they are divided into achievement levels: high, medium and low (low, middle, high levels) in the automated educational process management system KEYPS. The blueprints are presented in three domains (cognitive, psychomotor, affective) and placed in the KEYPS automated learning process management system, which was studied by the experts of the accreditation centre.

The educational programme also includes 4 general competencies of the graduate: socio-cultural development, language competencies, information and communication technologies, personal self-development. The catalog of competencies is periodically reviewed. For example, in November 2021, the competencies in research activities were expanded and, in connection with the epidemic situation in the world, the section "Prevention and public health" was completely revised.

Student workload is measured in credits: 1 ECTS credit = 30 academic hours. The volume of each academic discipline is an integer number of academic credits. In a year, a student must master 60 academic credits and 360 credits for the entire period of study.

The Semey Medical University implements the principle of student-centered learning which are reflected in and available on the website of the university.

During the site-visit, it was established that the implementation of the educational programme is ensured by the relevant regulations (documents), including: Academic Policy, Internal Regulations, which determine the responsibility of students for compliance with ethical behavior; The code of honor of students.

The experts were convinced that the Semey Medical University guaranteed early contact between students and patients and the formation of scientific competence starting from the 1st year. The University has a University Hospital with 500 beds, contracts have been concluded with more than 100 medical organizations.

During the interviews with students and faculty, as well as while studying educational and methodological documentation, the experts confirmed that the HEI, in addition to traditional methods (lectures, seminars, clinical rounds), uses various innovative teaching and learning methods, including: SP, BBL, RBL (Department of Pathology and Forensic Medicine was a pilot in this method), PBL, TBL, CBL, CBD (Case Based Discussion), CS (<u>case-study</u>), SBL (Simulation-based learning).

The experts were shown the KEYPS Automated Control System, which contains methodological materials, role-playing games, situational tasks, links to video lectures created in their own audio-video recording studio. Each student with an individual login and password has the opportunity to study on a topic of interest additionally, without the participation of faculty members.

A visit to the simulation center demonstrated that there are simulators for teaching cardiopulmonary resuscitation skills, an Aisten robot simulator, Harvey training simulators for clinical training in cardiology. In the class of endovideosurgery, there is a simulator for traumatology ArtroVR, LabSim. The educational programme includes training in various clinical scenarios: BabySIM robot mannequin (high-tech model of the infant patient), PediaSIM robot mannequin (high-tech model of the infant patient), Noel simulator (for training in obstetric manipulations). There is an analogue of the emergency room, equipped with emergency equipment.

The General Medicine programme was developed with the participation of students and employers representatives, which was confirmed in the presence of stakeholder representatives in the Academic Committee, the Committee for Educational Programmes, the Clinical Committee and the Academic Council. Intermediate and final assessment of the quality of the educational programme is implemented through independent examinations conducted with the involvement of both external experts and employers. However, it is required to strengthen the work with stakeholders in the process of development, examination and updating of the educational programme.

Thus, the educational programme is competence-oriented, meets all the requirements of the local and international best practices. The university management and faculty provide students with appropriate conditions and teaching methods aimed at developing the basic and additional skills of a future physician.

*Conclusions of the EEC according to the criteria.* Out of 38 standards conform: fully - 35, partially - 3, do not correspond - 0.

## Standard 2: completed

## Recommendations for improvement identified during the external visit:

1. Strengthen cooperation with employers and students in the process of developing, reviewing and updating the educational programme:

- according to paragraph 2.2.6 of the Standards for Accreditation: to increase the effectiveness of the participation of students and employers in the development of the programme; take into account the results of external examinations and control checks of the implementation quality of the educational programme, i.e. employers should have reviews (feedbacks) on the educational programme.

2. Ensure a systematic review of the educational programme, including updating the competency matrix, bringing the WC (working curricula) and CED (catalog of elective disciplines) into line, increasing the volume of written forms of control:

- according to paragraph 2.2.3 of the Standards for Accreditation: to provide an opportunity for students to choose a component (electives), it is necessary to insert the entire list of alternative disciplines into the cross-cutting working curriculum, i.e. align WC and CED).

- according to clause 2.1.7 - update the competency matrix.

## Standard 3: ASSESSMENT OF STUDENTS

## **Evidence of Compliance:**

The experts obtained evidence of a system for assessing the knowledge, skills and abilities of students in accordance with the competency model 9 see standard 2). The systems of formative and summative assessment are used, which are described in the document "Academic Policy". The document contains information on the assessment policy, methods, criteria, appeal procedure, conditions for retaking exams, the number of permitted retakes, organizing independent work of students, monitoring the educational process, organizing the summer (paid) semester, rules and procedures for checking papers for the level of originality, rules for organizing and conducting professional practice, rules for the transfer, restoration and expulsion of students.

The system for monitoring the educational achievements of students includes such forms as: current control (formative assessment), intermediate assessment (summative assessment) and final assessment. The achievement of the learning outcomes in the disciplines is reflected in the final discipline assessment (FDI), which is calculated from two components: formative assessment (FA) and summative assessment (SA), the percentage of which may vary depending on the decision taken by the Academic Committee. The discipline is considered mastered if the FDI is 50% or more.

The HEI has adopted a point-letter grading system for assessing the educational achievements of students. Based on the results of an external examination, it was established that the main assessment methods are: Mini-CEX - mini-Clinical Evaluation Exercise, testing using tests of various types, DOPS - Direct Observation of Procedural Skills, OSCE - Objective Structured Clinical Examination, assessment of the quality of medical documentation (AA - Audit Assessment Tool). Educational programme committees determine the method of assessing each practical skill (OSCE, OSPE, miniclinical exam, etc.). At the same time, the forms of the practical exam may be different at various committees - OSCE/OSPE, DOPS, MiniCEX, structured oral exam.

The experts determined that the objectivity of the assessment is conducted through the use of standardized checklists, which are available in syllabi.

When assessing the educational achievements of students, both criteria-based assessment with a predetermined threshold level and according to the distribution curves of their grades in accordance with the normal distribution (Bell Curve) are used.

The assessment methods used in the implementation of the educational programme are clearly formulated and available to faculty and students.

The HEI operates a registrar's office, which has been visited by external experts, monitoring and documenting the academic achievements of students during the academic period, at the end of the academic period and the academic year. Accounting for the educational achievements of students is reflected in the transcript.

When evaluating students at the university, conflicts of interest are strictly considered. All students have access to blueprints containing the learning outcomes studying them allows to successfully pass the exam conducted by the LMS KEYPS. The level of knowledge of the student is assessed not by the examiners, but by the LMS, so the assessment is objective.

To assess the oral form of the exam at the university, a methodology has been introduced that was introduced after the training a number of faculty members at the Sackler Medical School of Tel Aviv University.

The department of quality control of medical education operates at the HEI, the main tasks of which is to evaluate the effectiveness of educational programmes based on a systematic study of feedback from students, employers and faculty. Questioning of students is periodically conducted, focus groups are organized to determine the level of satisfaction with the results of assessment, the content of the educational programme, and the organization of the educational process. The results of stakeholder feedback allow identifying areas for improvement in the training of future physicians.

Being active members of collegiate bodies, students have the opportunity to influence the quality of the educational programme. Representatives of the student government told the experts that they are involved in monitoring the quality of educational videos on the channel of the Semey Medical University and the quality of educational and methodological material attached to blueprints.

To ensure objectivity and independent assessment, the University uses the practice of attracting external examiners from among employers, experienced employees in practical health care, members of the Akylman Council, members of student government, as well as members of the anti-corruption committee.

Thus, the university has a system for assessing the competencies of students and graduates, including formative and summative assessments. The assessment of practical skills is conducted taking into account the best international practice of assessing students, considering the final learning outcomes and is provided with appropriate resources at the departments, simulation centre. Approaches to student assessment are objective and transparent. The main methodological materials for student assessment are available on the university's intranet platform accessible to students and faculty.

*EEC conclusions by criteria.* Out of 14 standards conform: completely - 14, partially - 0, do not correspond - 0.

**Recommendations for improvement identified during the site-visit:** No

## **Standard 4: STUDENTS**

## **Evidence of Compliance:**

The procedure for the selection and admission of applicants to a HEI is regulated by the national policy (Model Rules for Admission to Education in Higher Education Institutions Implementing Educational Programmes of Higher and Postgraduate Education) and the University's internal document - Regulations on the Admission of Students to Higher and Postgraduate Education.

The experts received information that the official website of the university has an "Admission" page, where all the necessary information about the educational programme in the specialty "General Medicine" is posted annually.

There is a department for the employment of graduates and a medical foundation, a PR department, an admissions committee in the organizational structure of the HEI (formed annually during the acceptance of documents), a school of medicine, departments and a youth policy department. All these departments work closely with applicants, students and graduates of the educational programme.

Experts note that the selection of applicants for studying at the State Educational Grant is becoming stricter every year and, if in 2020 the average "passing score" was 103, then in 2021 it increased to 117. The maximum score for the last 3 years of admission was a score - 138. A restriction has also been introduced on paid education - it is necessary to receive at least 70 points in order to be enrolled in the educational programme "General Medicine". Admission of foreign citizens to study on a paid basis is carried out by the HEI independently in the form of an interview conducted by the admission committee. In the 2020-2021, 2021-2022 academic years, applicants from Uzbekistan, India, Pakistan, Turkey were accepted, and the state order for personnel training was increased at the expense of the local budget of the East Kazakhstan and Akmola regions.

The university recalculates disbursed loans based on a comparison of educational programmes, the content of the list of mastered disciplines, acquired knowledge, skills, abilities and competencies, as well as learning outcomes entered in the Register of educational programmes.

It is noteworthy that applicants from low-income families and national minorities are annually given the opportunity to apply for a grant. So, in 2021, 5 students entered the university according to quotas.

A psychometric exam has been conducted since 2019, when entering the HEI. In the 2017-2018 academic year, the project "From Equal to Equal" was launched, the purpose of which is to assist students during the educational process, preparing for final and midterm examinations. The project involves 30 student volunteers of the 3rd and 4th courses.

During the programme site-visit, a meeting was organized with student activists, where the active students talked about the goals and objectives of the "Student Self-Government" and the idea of creating student and faculty for the implementation of the "From Equal to Equal" project. As part of this project, the English language club "Level Up" operates at the Department of General Educational Disciplines, where students with an advanced level of English proficiency provide assistance in learning the language and preparing for the IELTS exam free of charge to students whose level of proficiency is lower.

More than half of the students (58%) are involved in the work of student government, circles, clubs. The student government consists of 24 members, 20 of which are students of the educational programme "General Medicine". The experts are familiar with the list.

In mastering the educational programme, students are assisted by qualified advisors, supervisors, consultants (Regulations on course coordinators, order No. 393 of 09/06/2021 "On the appointment of coordinators", OrderNo. 422 dated September 27, 2021 "On making changes to the composition of the supervisors").

The experts received evidence that social support for students is an important area of the HEI. The HEI has a counseling service that operates in several directions: psychological diagnostics, psychological education and counsultations, psychological prevention and support, correctional and developmental direction.

In general, the university has many student organizations where students of all years can develop leadership skills. For example, in the Salauat Debate Club, students sharpen their public peaking skills and learn how to competently defend their point of view. The library has discussion rooms where students can gather and discuss their questions.

There is a practice of conducting a "Journal Club" to develop the skill of research. The same competence is strengthened and developed by the student scientific society.

An important skill of the future physician is the expansion of the general outlook, the development of humanism, citizenship, the formation of ethics and moral values. Therefore, according to the documentation presented to the experts of the accreditation centre and during a conversation with active students, 15 youth clubs operate at the university, while, for example, KazMSA, Zhas Otan, the Alliance of Students of Kazakhstan are university "representatives" of republican and international organizations. Representatives of the Student Government are members of the academic committee, and students from

1 to 5 courses are members of the educational programmes committee.

An interview with staff of the HEI financial sector demonstrated that the administration annually allocates funds to create conditions and develop the personality of students. So, in order to support student youth initiatives for 2020, the youth policy department included 24 applications in the HEI development plan in the amount of 1,620,200 tenge, of which 1,170,200 tenge was the purchase of goods, 300,000 tenge were other services and work, as well as travel allowance. For example, in 2021, two student activists of the KazMSA club completed a research internship as part of the International Federation of Medical Students (IFMS) exchange programme on behalf of the KazMSA local SCORE committee in Bucharest, Romania.

The university itself determined the level of satisfaction of students of the "General Medicine" programme with the conditions for development, and a positive trend was obtained over the years. Thus, in 2016, the percentage of those satisfied was 84.7%, and in 2021 - 94.7%. However, during 2018-2019 there was a slight decrease in the indicator to 80.2-83.2%.

Thus, the policy of student's selection and admission is conducted in accordance with the requirements of the legislation of Kazakhstan, the quality assurance policy of the Semey Medical University and is fully consistent with the resource capabilities of the university. Programmes for the development of additional skills and qualities of students include the best international practice and experience, and are consistent with national requirements. During the site-visit, the experts received confirmation of a developed corporate culture and ethical relations between students and faculty at university.

**Conclusions of the EEC according to the criteria**. Comply with 16 standards conform: fully - 16, partially - 0, do not comply - 0

**Standard 4:** completed **Recommendations for improvement identified during the site- visit:** No

## Standard 5: FACULTY

## **Evidence of Compliance:**

The academic staff is formed, regularly evaluated and motivated on the basis of the developed HEI policy (approved on 03/10/2018), the Regulations on staff policy (09/30/2019), the Regulations on the competition for filling positions of the faculty (approved on 05/08/2019 d.), Regulations on certification of employees (approved on May 27, 2019), Regulations on advanced training and retraining of medical and pharmaceutical personnel (approved on July 4, 2019), which were studied by experts in the local network Public. All documents are drawn up in accordance with the mission of the HEI.

In determining the number of faculty and the formation of the time table for the academic year, an important role is played by the students' population, the volume of the teaching load (approved by the Academic Council). University annually in accordance with the positions held. Recruitment is carried out in accordance with the principles of meritocracy and transparency, as the experts could verify in the course of interviews with faculty and staff of the personnel department, who provided the commission with the relevant documentation. While studying the website, the experts saw that the announcement of the competition for filling the vacant positions of faculty is posted both on the university website and on the official social network pages facebook.com, Instagram, etc. The experience of the university is interesting in that that the competition sessions are broadcast online on the university's official page on the facebook.com, which guarantees the transparency and fairness of the faculty selection procedure. This is enhanced by the annual renewal of the composition of the competition commission for the replacement and re-election of vacant positions of faculty members.

An important criterion for the selection of faculty, which the experts wanted to note, is the presence of international certificates IELTS, TOEFL, awareness of innovative teaching and assessment methods.

The 21 doctors of sciences, 106 candidates of sciences, 32 PhD, 72 master's degree holders take part in the training of "General Medicine" undergraduate students, which fully indicates the compliance of one of the sections of the standard 5 "Faculty". During the site-visit, while conducting interviews with staff and faculty, no discrimination against faculty members was noticed. Considering local tendency of the predominance of women as employees of medical organizations, women make up the majority at the

university, including in the leadership of the departments of the university.

The experts drew attention to the fact that faculty have multi-vector support at all stages of their work, for example, through the HR specialist of personnel and legal support, faculty members' applications for advanced training in the pedagogical direction are formed. For these purposes, there is a Department of Medical Education (created in 2020). The competency model for faculty has been approved which includes 9 competencies.

The Professional Development Department accepts applications for advanced training in various clinical areas. The international department is organized on a competitive basis for the mobility of faculty members, including internships in the strategic partner organization of the Semey Medical University - Bashkent University (Ankara, Turkey). At the same time, a large share of the advanced training of faculty is conducted at the expense of funding from the HEI (budget plan).

Experts note that the university has developed and applies a KPI system for stimulating and motivating employees, which implies non-material and material rewards, and there is also a regulation on the Human Resources "Nadezhda" to stimulate and support young faculty members and employees. Moreover, everyone can apply for enrollment in the HR reserve, if they meet the established requirements (all information is available on the website of this project).

During faculty interviews of both basic medical disciplines (19) and clinical (19), it was found that university faculty members are provided with conditions for organizing the educational process, they can independently choose the methods and forms of education to achieve the goals and objectives of the educational programme. Faculty can improve their qualifications, elect and be elected to the Academic Council, participate in the discussion of issues of educational, methodological, scientific, creative and production activities, both as members of the Committee for Educational Programmes, the Academic Committee and other advisory bodies, as well as at meetings of departments. Ample opportunities for the participation of faculty in international and national scientific events also take place at the university.

Thus, given that the educational programme "General Medicine" is one of the leading programmes of the university, therefore, it is supported by a large number of faculty, from humanities, behavioral, basic medical disciplines to specialized disciplines. The programme is fully provided with with experienced and competent human resources, degree of 43%%, which is reflected in the results of a survey of students and examining documents of faculty. The ratio of the number of faculty and the number of students (1:6) is observed.

*Conclusions of the EEC according to the criteria.* Out of 10 standards conform: fully - 10, partially - 0, do not correspond - 0.

Standard 5: completed

Recommendations for improvement identified during the external visit: No

## Standard 6: EDUCATIONAL RESOURCES Evidence of Compliance:

According to experts, the Semey Medical University has sufficient material, technical, clinical and scientific base for the implementation of the mission of "General Medicine" programme. So, the University has 11 lecture halls, more than 400 classrooms for practical and seminar classes, 446 multimedia rooms, 11 educational and scientific laboratories, 13 computer classes, 28 scientific and methodological rooms (mini-libraries), where students of the "General Medicine" programme also study.

The territory of the main building and the university clinic is quite safe, including the illumination of the rooms, the fire safety system, and the installation of video cameras along the perimeter of the buildings. All educational buildings provide additional entrances and exits in case of emergencies. The university has introduced a pass system, for which the security service of the university is responsible. In order for students to be able to navigate freely, a map of the territory "Campus map" was created.

The university has 7 simulation classes (compared to 2015, when there were 3) to form the development of curative skills among students. In addition to the University Hospital for mastering clinical competencies, the university entered into contracts for training undergraduate and internship programme students at such clinical bases as the City Hospital No. 2 (101 beds), the Venus Clinic (53

beds), the Semey Perinatal Center (200 beds), Emergency Hospital, Semey Infectious Diseases Hospital, Polyclinics No. 1, No. 3. No. 5 and No. 7 in Semey, Clinical and Diagnostic Center with a capacity of 300 visits per shift, Medical Institution "Victory" has 5 family sites, Institution health centre "KHAKIM", Medical outpatient clinic No. 17.

During the interview with the leadership of the university and the dean's office, it was revealed that they control the provision of the educational and clinical process with material, technical and information resources (allocation of resources, office equipment, premises, models, creation of comfortable conditions) and decide on the priorities, expediency and number of necessary resources for implementation of the educational programme. The experts were shown applications from the departments and their implementation.

The university has 1210 computers, 180 laptops, more than 300 printers, 100 multimedia projectors. All classrooms where undergraduate students study are equipped with multimedia consoles, screens, projectors. In the main building and in the departments there is access to Wi-fi and all students can receive information both from the official website of the university and through university pages in 5 social networks.

So, the scientific base is the Center for Research Laboratory (CRL), which is part of the Department of Science of the University. The laboratory consists, all departments are equipped with laboratory and diagnostic equipment designed to perform laboratory and clinical diagnostic studies. In the 2019 academic year, the improvement project "Development of student science at the Semey State Medical University for 2019" was implemented.

Information resources form the basis of the educational programme and are represented by a library with 769,713 copies of educational and scientific publications, a third of which is in the Kazakh language (280,265 copies) and 22,440 copies in English. Every year, the library is replenished and updated with electronic publications, which allows the university always to be aware of modern clinical and scientific information. The volume of basic educational literature for 48 disciplines of the "General Medicine" programme in 2019 amounted to 98745 copies of books, and in 2020 - 99725, while approximately 12-13% of the fund of educational literature in the specialty was updated over the year.

Within the framework of the all-republican action "Adaldyk alany" "Territory of Honesty", the action "Library without barriers" operates.

Based on the results of interviews with staff, faculty and students, it was found that they have access to the resources of clinics and libraries, in particular to the Scopus and Science direct databases from Elsevier. At the same time, faculty and senior students can work with the Web of Science platform, the "UP TO DATE", "Cochrane" evidence-based medicine databases. Training seminars on the use of information resources are held annually for faculty. But during the pandemic, the library stopped conducting training seminars in the departments, reading room and switched to a remote mode of operation. In close cooperation with the Department of Science and Research, information on test access to electronic resources, such as Clinical Key, OXFORD University, Wiley, etc., is regularly distributed via e-mail or WhatsApp. In total, about 205 people took part in the training seminars. Particularly, internship students are - 62.

The university website contains the sections "Useful Links", "Open Access Resources", "Electronic International Open Access Journals". Statistics on the use of the UpToDate database, for the subscription period, from January to June of the current year, 1958 people used the resource, of which 73% are physicians, 15% residency programme students, 5% librarians. Departments can participate in expanding library capacity by submitting applications to the dean's office of the School of Medicine.

Having visited the clinical sites, the experts were convinced that students have the opportunity to learn how to work with patient databases in the DamuMed programme.

Many faculty members of "General Medicine" programme have academic degrees (the rate of scientific degree holders 43%), and a number of faculty members have a high Hirsch index and they are systematically involved in the examination of scientific works in health care through participation at Dissertation Councils, reviewing articles submitted to the journal "Science and Public Health".

Active work will be introduced to attract foreign visiting professors from such countries as Russia, Turkey, Germany, Japan, Great Britain.

The university is implementing the Anti-Plagiarism programme to check student papers from conferences.

From 2015-2016 the HEI has signed 21 agreements on international cooperation and academic mobility, which strengthens the educational programme.

Thus, the resources of the educational programme are sufficient, developing, and systematic monitoring of their sufficiency and compliance is carried out.

Conclusions of the EEC according to the criteria. Out of 21 standards conform: fully - 20,

partially - 1, do not comply - 0

Standard 6: completed

## Recommendations for improvement identified during the external visit

1) Strengthen research in medical education by attracting the internal resources of the university to evaluate the educational programme:

 under paragraph 6.5.2 - include the examination of individual processes of the university in the framework of master's, doctoral studies; implementation of intra-university grants; introduction of recognized educational programme evaluation models (CIPP, Kirpatrick model, etc.); studying feedback from stakeholders.

## Standard 7: PROGRAMME EVALUATION Evidence of Compliance:

The main platform for supporting the processes of ensuring the quality of education, including the "General Medicine" programme is an integrated management system (IMS), which operates at the university. IMS is aimed at meeting the expectations of all participants in the educational process and it is a tool for implementing the Strategy, Mission and Vision, implementing and operating ISO 9001-2016. The scope of the IMS applies to all processes of the university and is reflected in the landscape map of the Semey Medical University processes.

The University systematically identifies and evaluates external and internal factors related to its strategic direction and influencing the effectiveness of the IMS.

The experts studied the document "Quality Policy", which defines the main activities of the university in accordance with the Development Programme. When conducting interviews with faculty, it was identified that they were familiar with this document, which was informed by the employees of the strategy and quality management system department, at the same time, employers were not aware of the content of the document. The experts saw that the "Policy..." posted on the internal Internet portal of the university. The IMS Quality Policy is updated annually.

The objectives in quality are consistent with the "Policy..." and are designed as an independent document to ensure the possibility of prompt familiarization with its content of personnel and representatives of external organizations. This document is posted on the university website.

At the end of the academic year, the University's Quality Objectives are analyzed and the degree of their achievement is determined. The goals in quality of the departments are reflected in the indicators of the plans of the departments, structural units.

The monitoring of implementation process of the educational programme is conducted on the basis of the Regulations on standard processes for managing the processes of the university (approved annually), the Strategy for quality assurance of the educational process. To regulate the mechanisms for assessment and monitoring the educational process, the following documents have been developed: Academic policy; Regulations on the Academic Committee; Regulations on coordinators of specialties and responsible for disciplines; Job descriptions of faculty and administrative staff.

Employees of the university structural units confirmed that the procedures for monitoring the quality of the educational programme include: analysis of the results of the intermediate, state final certification (FSA) of students, the results of independent examinations of students. These processes are the responsibility of the School of Medicine. For example, a comparative analysis of the results of the FSA graduates showed that in the 2019-2020 academic year there was an increase in the number of graduates who passed the final state exams with excellent marks by 26% and amounted to 331 students (in the 2015-2016 academic year - 242). In the 2019-2020 academic year, 56.7% of students passed state

exams for "excellent", 213 (36.5%) students received a "good" grade, and 40 (6.8%) received "satisfactorily". In principle, this is evidence of the success of the university's quality assurance policy.

Monitoring on provision of departments with scientific and pedagogical personnel is conducted by the Department of Administrative and Personnel Support in cooperation with the heads of departments. Monitoring on provision of the educational programme with basic and additional educational literature is conducted by the coordinators of courses, specialties, together with the library. Monitoring of the software and information support of the educational programme is conducted by the department of digital technologies. Monitoring of the introduction of innovative teaching and assessment methods is carried out by working groups from competent teachers within the framework of interdepartmental control. Monitoring the demand for an educational programme, including work with potential applicants and determining the proportion of employed graduates, is carried out by the career department. Monitoring of the professional competencies of department's faculty is conducted by the department of medical education, the department of the clinic and the department of science.

One of the most effective tools for assessing the quality of an educational programme is the systematic receipt and analysis of feedback from all stakeholders with the identification of weaknesses, and the planning of improvement measures. The experts were shown the results of the content quality feedback for 2020, which was collected by the course coordinators in conjunction with the Department of Academic Affairs. The results of feedback from students on social, cultural and leisure provision issues for 2019 demonstrate a high degree of satisfaction of the respondents. An analysis of the results was made by the Department of Youth Policy and External Relations. Employees of the Department for Strategic Development showed the experts the results of university faculty survey on the activities of structural units, and this information is available on the internal web-portal of the HEI.

The Department for Alumni Employment and Medical Foundation, established in 2019, organize information and consulting support for university graduates on employment issues, as well as they organize the procedure for personal distribution and redistribution of graduates. In cooperation with Financial Centre the department monitors the fulfillment by young specialists of the obligation on labour repayment.

Thus, the university has demonstrated the viability of the quality assurance policy and its effectiveness in strategic planning, monitoring the quality of education, organizing systematic feedback from all stakeholders and influencing the processes of continuous improvement of the educational programme.

*Conclusions of the EEC according to the criteria.* Out of 14 standards conform: fully -12, partially - 2, do not meet - 0

## Standard 7: completed

## Recommendations for improvement identified during the site-visit.

1. Strengthen the cooperation with employers and students in developing, reviewing and updating the educational programme:

- under paragraph 7.5.1 - more active involvement of the main stakeholders in the monitoring programme and activities for the evaluation of the educational programme, including through review and feedback from employers.

- according to paragraph 7.5.2 - systematically collect and study feedback on clinical training, including on the clinical practice of graduates; regularly collect and study feedback from graduates and employers on the quality of the educational programme.

## Standard 8: GOVERNANCE AND ADMINISTRATION Evidence of Compliance:

The University has developed and operates an organizational structure in which there are divisions involved in ensuring the effective implementation of "General Medicine" programme. The main division is the School of Medicine, which brings together and oversees the departments. The School is managed by the Dean. The main source of information about the activities of the School of Medicine is the website of the university. The academic management system of the School consists of the Academic Committee (AC), the Educational Programme Committee (EPC) in "General Medicine". The experts got acquainted

with the composition, plans, minutes of the AC and EPC meetings and received evidence that all issues regarding planning, discussion and approval of the educational programme are considered at the meetings, as well as the results are transparent. The EPC plan is approved by the Academic Committee. Since the 2019-2020 academic year, in connection with the introduction of a new integrated educational programme in the specialty, blueprints in the disciplines of integration, as well as forms of control, are regularly considered at the meeting of the EPC.

The experts conducted an interview with the leadership of the Department for Academic Affairs (DAA), which coordinates the educational activities of the university, including in the specialty "General Medicine". The DAA has been operating since 2019. During a conversation with DAA staff and studying the organizational structure of the university, information was received that there is a department for quality control of medical education. This department monitors the educational process with the aim of continuous improvement.

A regular survey of faculty and students, which is conducted by the university itself, demonstrates that this management structure is quite effective and transparent.

Financing of educational activities is carried out in accordance with the approved plans of the university, developed on the basis of a thorough analysis of activity and structural divisions, as well as on the basis of limits, norms and standards, based on the need and availability of material resources in "General Medicine". According to the number of faculty and staff of university departments, the procurement commission annually, under the leadership of the rector, visits the departments in order to determine the availability of material and technical equipment, equipping classrooms and working conditions. The university allocates resources for the purchase of educational and scientific literature, Internet resources, replenishment of the simulation centre fund for the participation of university staff in research conferences and for professional development of faculty.

The entire system, from the departments filing applications for the purchase of equipment and consumables through the asu.pro electronic portal, including them in the development plan for the upcoming financial year, to organizing a meeting of the procurement commission (representatives of the School of Medicine, university departments) is broadcast on the university's Facebook page which ensures the transparency of this procedure. Then, the university budget for the year is formed and approved by the Board of Directors. To control the processes of ensuring the educational process, the university has an internal audit service. Risks are assessed in accordance with the "Risk Assessment Algorithm" Standards for Operational Procedures on a five-point scale. When developing an annual plan, a "plan B" is proposed to minimize risks. The "Higher Education" process map outlines the risks,

Function control over the placement and completion of educational material for students of 1st and 2nd courses in the automated KEYPS programme is carried out by the committee directors and course coordinators.

The University conducts regular feedback with employers, which makes it possible to determine the level of satisfaction of employers with the competencies of graduates, to identify areas for improving the training of specialists.

Thus, the university has an organizational structure, where the central place is occupied by the management of the educational process at the level of higher education, carried out through the DAR and the School of Medicine. These subdivisions closely cooperate with the subdivisions responsible for financing, clinical support, compliance of the material and technical base with the needs of the educational programme. All activities are monitored and conclusions are made about the need for changes and improvements.

*Conclusions of the EEC according to the criteria.* Out of 17 standards conform: completely - 17, partially - 0, do not correspond - 0.

Standard 8: completed

Recommendations for improvement identified during the external visit: No

## **Standard 9: CONTINUOUS RENEWAL**

## **Evidence of Compliance:**

Continuous improvement is one of the goals of the quality assurance policy of the University and

is reflected in the Development Program of the Semey Medical University for 2020-2024. The aspiration of the university to enter the TOP-700 QSWUR is consistent with the mission to promote the promotion of public health and ensuring a high level of student and staff satisfaction.

To identify areas for improvement, the university annually develops an annual audit plan (internal audit service). The experts are familiarized with the supporting documents, which are stored in the QMS folder.

The units that are responsible for activities aimed at continuous improvement are the Board, Internal Audit Service, Department of Strategic Development and Quality Management Systems, Departments of Administration and Human Resources, Economics and Finance, Science, Clinical, Higher Education, Academic Affairs, Youth Policy and external relations.

For example, a KPI map has been introduced for the head of the department on the implementation of mandatory and additional indicators, the results of which are heard during the report of the department. Twice a year the results of the rating on the research activity of the department are concluded. Reports on all types of activities are reported and discussed at meetings of the Academic Council, all recommendations are made in the resolution and corrected in a timely manner. Continuous implementation of quality control of the educational process provides for inter-departmental control (ICC).

The university has developed the Orion.aisu.pro programme, where faculty can attach all certificates confirming their professional development.

In order to stimulate the continuous development of students, there is an academic rating with the ranking of students by level of study, specialty and course. It is available for viewing at the corresponding link.

After the completion of the examination and the final certification of students, an analysis of feedback from students and employers is carried out, the results of which are considered at a meeting of the Academic Council. All feedback materials were shown to experts in Google drive.

Resources are allocated for continuous improvement aimed at revising the organizational and staffing structure.

The University initiates an external evaluation in an institutional context and an evaluation of educational programmes, which is conducted within the framework of accreditation by independent accreditation bodies.

Thus, the university has a systematic approach to continuous improvement, including planning, monitoring, analysis of the results obtained and the implementation of the planned tasks. All processes are transparent.

*Conclusions of the EEC according to the criteria.* Out of 3 standards conform: fully -3, partially - 0, do not meet - 0.

**Standard 9:** completed **Recommendations for improvement identified during the site visit:** No

Thus, according result of the university site-visit, members of the external expert commission established the compliance of the bachelor's degree programme with accreditation standards.

## 6. Recommendations for improving the educational programme "General Medicine":

1) Strengthen cooperation with employers and students in developing, reviewing and updating the educational programme:

- according to paragraph 2.2.6 of the accreditation standards: to increase the effectiveness of students and employers' participation in the development of the programme; take into account the results of external examinations and control checks on the implementation quality of the educational programme, i.e. employers should have reviews (feedbacks) on the educational programme.

2) Ensure a systematic review of the educational programme, including updating the competency matrix, bring the WC (working curricula) and CED (catalogue of elective disciplines) into line, increase the amount of written forms of control:

- according to paragraph 2.2.3 of the accreditation standards: to provide an opportunity for students to choose a component (electives), it is necessary to insert the entire list of alternative disciplines into the cross-cutting working curriculum, i.e. align WC and CED).

- according to clause 2.1.7 - update the competency matrix.

**3**) Strengthen research in medical education by attracting the internal resources of the university to evaluate the educational programme:

- under paragraph 6.5.2 - inclusion of the study of individual processes of the university in the framework of master's, doctoral studies; implementation of intra-university grants; introduction of recognized educational programme evaluation models (CIPP, Kirpatrick model, etc.); studying feedback from stakeholders.

4) Strengthen cooperation with employers and students in the process of developing, reviewing and updating the educational programme:

- under paragraph 7.5.1 - more active involvement of the main stakeholders in the monitoring programme and activities for the evaluation of the educational programme, including through review and feedback from employers.

- according to paragraph 7.5.2 - systematically collect and study feedback on clinical training, including on the clinical practice of graduates; regularly collect and study feedback from graduates and employers on the quality of the educational programme.

## 7. Recommendation to the ECAQA Accreditation Council

The EEC members established the compliance of the Bachelor's degree programme "General Medicine" of "Semey Medical University" with the Accreditation Standards and came to a unanimous opinion to recommend to the ECAQA Accreditation Council to accredit this programme for a period of 5 years.

	Full name	Signature
Chair	Chingayeva Gulnar Nurtasovna	22
Foreign expert	Yaremenko Andrey Ilyich	Spec -
Kazakh academic expert	Roslyakova Elena Mikhailovna	for
Employers' representative	Almeneva Nailya Sapanovna	HQ_
Student Representative	Abdrazakov Meirzhan Serikovich	J.

ECAQA Observer \_\_ Umarova M.A.

## Annex 1

_	(generalizat			Grade	
Standard	Criteria for evaluation	Number of standards	Fulfilled	Partially fulfilled	Not fulfilled
1.	MISSION AND VALUES	11	11		
2.	EDUCATIONAL PROGRAMME	38	35	3	
3.	ASSESSMENT OF STUDENTS	14	14		
4.	STUDENTS	16	16		
5.	FACULTY	10	10		
6.	EDUCATIONAL RESOURCES	21	20	1	
7.	PROGRAMME EVALUATION	14	12	2	
8.	GOVERNANCE AND ADMINISTRATION	17	17		
9.	CONTINUOUS RENEWAL	3	3		
	Total:	144	138	6	
				144	

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

## Attachment No. 2

## List of documents reviewed by EEC members as part of an external evaluation of the educational programme

	educational programme				
No.	Document names	Quantit y	Date Approval		
	Mission and Vision and on information boards of buildings	1	Protocol No. 1 of July 19, 2017 was adopted by the Academic Council. Adopted by the Supervisory Board Minutes No. 4 dated August 11, 2017 <u>MISSION FOR 2017-2021</u>		
	Charter of Semey Medical University	1	01/31/2019. <u>https://semeymedicaluniversity.kz/o-nas/struktura/sovet-direktorov/korporativnye-dokumenty/</u>		
	Quality Policy Semey Medical University	1	09/30/2021 on SC, <u>https://semeymedicaluniversity.kz/o-nas/sistema-managementa-kachestva/</u>		
	Strategies for quality assurance of the educational process	1	11/23/2020, <u>https://semeymedicaluniversity.kz/educ</u> ation/politika-disciplin/		
	Academic policy	1	08/31/2021, <u>https://drive.google.com/drive/folders/1aO</u> sw1b62W2QxjyxYG9xh129Bzx5iQlvQ		
	Organizational structure	1	Approved by the Decision of the Board of Directors of NJSC "Semey Medical University" Protocol No. 7 dated September 29, 2020 <u>Structure.pdf</u>		
	Development programme of Semey Medical University	1	APPROVED at the meeting of the Board of Directors on December 2, 2020 Minutes No. 8, <u>https://semeymedicaluniversity.kz/o- nas/programma-razvitiya/</u>		
	Code of Ethics for Students	1	from 21.09. 2019 <u>https://drive.google.com/drive/folders/1_5D5HU</u> QgsFWxmv5bVfO-IJZL6Ft5Q4b7		
	Code of Conduct	1	from 21.09. 2019 <u>https://semeymedicaluniversity.kz/wp-</u> content/uploads/2021/02/kodeks-korporativnoy-etiki- <u>1.pdf</u>		
	Academic Integrity Policy	1	November 11, 2019 <u>https://drive.google.com/drive/folders/1IerlOYzF</u> 1MwJGyliJEnn8tJSZDG7VO8Z		
	Regulations on anti-plagiarism Semey Medical University	1	Regulations on the programme Antiplatiag.pdf		
	Regulations on Committees of the Board of Directors of Semey Medical University	1	https://semeymedicaluniversity.kz/wp- content/uploads/2021/09/2-polozhenie-o-komitetah- izmenen.pdf		
	Annual audit plan	1	https://semeymedicaluniversity.kz/o-nas/godovoy- auditorskiy-plan		
	Internal Audit Rules	1	https://semeymedicaluniversity.kz/o-nas/pravila- provedeniya-vnutrennego-audita/		
	Action plans to eliminate comments and implement the recommendations of expert groups in specialties on the university website	1	https://semeymedicaluniversity.kz/o-nas/sistema- managementa-kachestva/		

Inner order rules	1	Inner order rules
Catalog of research projects in the Aisu.pro system	1	https://www.aisu.pro/SWC/
Catalog of elective disciplines	1	2021 <u>https://semeymedicaluniversity.kz/obuchenie/rab</u> ochie-uchebnye-plany/WC-bakalavriata
Practice Agreements		https://drive.google.com/drive/u/0/folders/1QhQrG65 XIb4haDrkaOMZNMfAnm6jLGix
Working curricula 1-5 courses GM	5	07/02/2021, 08/18/2021 https://semeymedicaluniversity.kz/obuchenie/workoch ie-uchebnye-plany/
Academic calendar for 2021-2022 year	1	07/01/2021, <u>https://semeymedicaluniversity.kz/obuchenie/akademicheskiy-kalendar/</u>
Class schedules for 2021-2022 academic year 1-5 courses GM	5	https://semeymedicaluniversity.kz/education/raspisani ya/
Regulations on the procedure for the transfer and reinstatement of students at Semey Medical University	1	October 30, 2019 <u>https://drive.google.com/drive/folders/1mEnV1L</u> <u>TJt6uCCXIqVm0BvAOom4BENhn5</u>
Regulations on the admission of students to university and postgraduate education at Semey Medical University	1	Regulations on the admission of students to the NJSC ICC 2021.pdf
Order 600 "On Approval of Standard Rules for Admission to Education in Educational Organizations Implementing Educational Programmes of Higher and Postgraduate Education"	1	<u>Order 600</u>
Rules for sending a specialist to work	1	01/23/2018, No. 58 <u>Rules for sending specialists.</u> Decree 390 dated 01-06-2021.rus.docx
compulsory training of graduates	1	04/02/2020 Mandatory training of graduates.pptx
Anti-corruption standard	1	03/04/2019 <u>https://drive.google.com/drive/folders/1jdX</u> NcoD1u9FIH0uZzAFcXFt2o2-fJpQI
EP 6B10101 - General Medicine	1	November 18, 2021 <u>https://semeymedicaluniversity.kz/obuchenie/obr</u> azovatelnye-programmy/bakalavriat/
Regulations on the organization of the summer / winter school Semey Medical University	1	11/30/2020 <u>https://drive.google.com/drive/folders/13K</u> cdJEwePyhAK2Y7KxJsvlQIruSmAmPL
Regulations on student self- government of Semey Medical University	1	1.11.2021 <u>https://drive.google.com/drive/folders/1iLgy</u> <u>QmXRITfsRok_eZ6auadUQWVIhfnB</u>

Regulations on academic mobility of students, faculty and employees	1	09/10/2021 <u>https://drive.google.com/drive/folders/1iLg</u> yQmXRITfsRok_eZ6auadUQWVIhfnB
Regulations on the academic committee	1	26.02.2019 <u>https://drive.google.com/drive/folders/1tkn</u> _78JduGneTAv30DGuEXx6VTaVwIf1
Order "On the composition of the Academic Committee"	3	October 24, 2019, March 3, 2020, October 7, 2021, <u>https://docs.google.com/document/d/1fQqG8lh4a</u> 10dhq7WdR0azi98BLDk7iKy/edit
Regulations on the Anti-Corruption Committee	1	17.02.2020 <u>https://drive.google.com/drive/folders/1Phn</u> <u>VlqsXNbpvoGDpliscI8VHu_ekK4-E</u>
Academic Committee Minutes	4	08/31/2017, 03/14/2019, 06/06/2019, 06/25/2020, 11/18/2021 <u>https://drive.google.com/drive/folders/1eO</u> maTYpynYPOyW_ZWKXoTh2sKNwI05dK
Individual work plan	2	2021https://docs.google.com/document/d/1BmuJN90rf 5w6QxvSe7-128CtCHYt31ql/edit
Order "On the Composition of the Committee for Educational Programmes (CEP)" 1st year undergraduate specialties "General Medicine" and "Pediatrics"	1	5.10.2021 <u>https://docs.google.com/document/d/1IsyXs</u> _uAAeXK0OpuWLLHyYMVktERNg3A/edit
Order "On the Composition of the Educational Programme Committee (EPC) of the 2nd year of the undergraduate specialties "General Medicine"	1	5.10.2021 <u>https://docs.google.com/document/d/1f1g1u</u> MTXIYmbulzMKCTSLakXAq5TU2oa/edit
Order "On the Composition of the Educational Programme Committee (EPC) of the 3rd year of the Bachelor's specialty "General Medicine"	1	5.10.2021 <u>https://docs.google.com/document/d/1JDv8</u> KCUXx3hSyhkKRPpxmVp2glPe4SoK/edit
Order "On the Composition of the Educational Programme Committee (EPC) of the 4th year of the undergraduate specialty "6B10101 General Medicine""	1	5.10.2021https://docs.google.com/document/d/1g92Ae zYJD6-6zSfWG9BvukU3pZEiSxrP/edit
Order "On the Composition of the Committee of Educational Programmes (CEP) on Internship Specialties"	1	5.10.2021 <u>https://docs.google.com/document/d/1d4zrQ</u> L-glvBuqzF-yYe3ofEnIav2eCz9/edit
Order "On the Composition of the Committee for Educational Programmes (CEP) for Master's and Doctoral Degrees"	1	5.10.2021 <u>https://docs.google.com/document/d/16zdJS</u> <u>KxUWAYfVze-IEGbKIsb5GjWKHZV/edit</u>

Order "On the Composition of the Committee for Educational Programmes (CEP) of Residency Specialties"	1	7.10.2021 <u>https://docs.google.com/document/d/1raCywaM8rYeckeBa_dawS1KmGYLKE7Jf/edit</u>
Order "On the composition of the subcommittee of educational programmes (CEP) 4th year undergraduate specialty "General Medicine"	1	03/12/2021 <u>https://docs.google.com/document/d/16M9</u> <u>HEFjyRZ4hdAzh1Hh2ZwyrLG7A-bJL/edit</u>
Order "On the composition of the subcommittee of educational programmes (CEP) 3rd year undergraduate specialty "General Medicine"	1	03/12/2021 <u>https://docs.google.com/document/d/1GV2</u> <u>UM3Xxlf0iwbjs0219Gyzpa-y1AqO-/edit</u>
Order "On the composition of the subcommittee of educational programmes (CEP) 5th year undergraduate specialty "General Medicine"	1	03/17/2021 <u>https://docs.google.com/document/d/1URh</u> bGKNms0j1JybuXyXXQXz3Da1DPvq4/edit
Protocol of the Academic Council	1	2020- 2021 <u>https://drive.google.com/drive/folders/1eOmaTY</u> pynYPOyW_ZWKXoTh2sKNwI05dK
Minutes of the Educational and Methodological Association meeting	2	03/13/2019, 03/19/2019 <u>https://drive.google.com/drive/folders/1eO</u> maTYpynYPOyW_ZWKXoTh2sKNwI05dK
Conducted professional development cycles for faculty and administration staff	1	2020- 2021 <u>https://drive.google.com/drive/folders/1eOmaTY</u> pynYPOyW_ZWKXoTh2sKNwI05dK
Syllabus	1	12/27/2021 <u>https://docs.google.com/document/d/1XFIy</u> buSf2zWHVEA8J03HDPZx1Akxudkv/edit
Analysis of the survey of "General Medicine" specialty students	1	06/30/2021https://drive.google.com/drive/folders/1aG 4asPW25bupmFd48JgiJOGQc_t9_z0Q
Blueprint	1	1.09.2021 <u>https://docs.google.com/document/d/16Jvin</u> Q6hykoAHhIn-aJPPcnaWSbe0pQ_/edit
Attendance, statement	1	5.01.2022 <u>https://docs.google.com/document/d/12pYQ</u> a37bNQL9q0LWstS5b1W4o4L5vpbb/edit
Assessment of practical skills	1	09.11.2021 <u>https://drive.google.com/drive/folders/1WZ</u> <u>uYhZG-h9o1QiyHfR-vo71EreHBlQ3n</u>
Evaluation committee order	1	09/30/2019https://drive.google.com/drive/folders/1WZ uYhZG-h9o1QiyHfR-vo71EreHBlQ3n
Extract from the meeting of the Academic Council	1	08/31/2021 <u>https://drive.google.com/drive/folders/1WZ</u> uYhZG-h9o1QiyHfR-vo71EreHBlQ3n
Protocol of Committee for Educational Programmes	1	7.12.2021 <u>https://drive.google.com/drive/folders/1WZu</u> YhZG-h9o1QiyHfR-vo71EreHBlQ3n

Job description of assistant, faculty member, associate professor, professor, head of Department at Semey Medical University	5	May 8, 2019 <u>https://drive.google.com/drive/folders/1_5D5HU</u> QgsFWxmv5bVfO-IJZL6Ft5Q4b7
Internship Report	1	27.01.2019 <u>https://docs.google.com/presentation/d/1Vh</u> <u>Gk2SLrZQHq9SfatW9ZTsLLE31qAGyh/edit#slide=i</u> <u>d.p1</u>
Regulations on the certification of employees at Semey Medical University	1	May 27, 2019 <u>https://drive.google.com/drive/folders/1_5D5HU</u> QgsFWxmv5bVfO-IJZL6Ft5Q4b7
Regulations on the competition for the positions of faculty members	1	09/24/2019https://drive.google.com/drive/folders/1_5 D5HUQgsFWxmv5bVfO-IJZL6Ft5Q4b7
Regulations on personnel policy	1	09/30/2019https://drive.google.com/drive/folders/1_5 D5HUQgsFWxmv5bVfO-IJZL6Ft5Q4b7
Regulations on the H/R reserve "Hope"	1	May 24, 2019 <u>https://drive.google.com/drive/folders/1_5D5HU</u> QgsFWxmv5bVfO-IJZL6Ft5Q4b7
Regulations on professional development and advanced training of medical and pharmaceutical personnel	1	06/04/2019 <u>https://drive.google.com/drive/folders/1_5</u> D5HUQgsFWxmv5bVfO-IJZL6Ft5Q4b7
Regulations on advanced training and development of employees	1	May 8, 2019 <u>https://drive.google.com/drive/folders/1_5D5HU</u> <u>QgsFWxmv5bVfO-lJZL6Ft5Q4b7</u>
Regulations on advanced training and development of administrative staff	1	25.11.2020 <u>https://drive.google.com/drive/folders/1_5</u> D5HUQgsFWxmv5bVfO-lJZL6Ft5Q4b7
Regulations on the competition for the positions of faculty	1	September 21, 2019
Regulations on the H/R"Hope"	1	May 24, 2021
Data on Students' research activities	1	01/05/2021 <u>https://docs.google.com/document/d/1eIgI</u> Aj-Chzh6b5BXDw5WTrXRn_k7keeW/edit
Regulations on the library	1	May 2, 2019 <u>https://drive.google.com/drive/folders/1wu19Vqz</u> jYhK4Fsh-ybd8IpLpAf0Accd9
Regulations on the Students' Research Associations activities	1	May 14, 2021 <u>https://drive.google.com/drive/folders/1ukkJ4jq4</u> pQc7O_KZiYU3AapozzZJssbA
Regulations on the "Science and Health" journal	1	May 8, 2019 <u>https://drive.google.com/drive/folders/1ukkJ4jq4</u> pQc70_KZiYU3AapozzZJssbA
Regulations on the Student Assessment Committee of the Semey Medical University	1	11/18/2019 <u>https://drive.google.com/drive/folders/1ukk</u> J4jq4pQc7O_KZiYU3AapozzZJssbA

Regulations on the organization and holding of scientific-practical and intra-university conferences of students at the Semey Medical University	1	04/05/2019https://drive.google.com/drive/folders/1ukk J4jq4pQc7O_KZiYU3AapozzZJssbA
Regulations on research schools	1	May 13, 2019 <u>https://drive.google.com/drive/folders/1ukkJ4jq4</u> pQc70_KZiYU3AapozzZJssbA
Regulations on the rating of research activities of Semey Medical University	1	May 15, 2019 <u>https://drive.google.com/drive/folders/1ukkJ4jq4</u> pQc7O_KZiYU3AapozzZJssbA
Regulations on the formation of applications Semey Medical University	1	1.10.2021 <u>https://drive.google.com/drive/folders/1ukkJ</u> 4jq4pQc70_KZiYU3AapozzZJssbA
Regulations on the inter-departmental control of the Semey Medical University	1	11/11/2019 https://drive.google.com/drive/folders/1ukkJ4jq4pQc7 O_KZiYU3AapozzZJssbA
Order "On the creation of a working group for inter-departmental control of the departments of the Semey Medical University	1	28.11.2019 https://drive.google.com/drive/folders/1ukkJ4jq4pQc7 O_KZiYU3AapozzZJssbA
Acts of inspections of hall equipment	1	2019- 2021 <u>https://drive.google.com/drive/folders/1cameAj79</u> <u>c8pCey4zWVJn47ry-vq3B3vQ</u>
Analytical reports	1	2019-2021 approved for SChttps://drive.google.com/drive/folders/10yKiAp2d QAMboG5LSIrOyJLpuCUoiOZ8
Feedback and Action Plans	1	10.09.2021 <u>https://drive.google.com/drive/folders/1_H</u> 35QoxK4FRzLdROxgg3WDWrjCQExiSR
Orders to attract employers	1	05.10.2021 <u>https://drive.google.com/drive/folders/1dD</u> Q7Pr3nWjBIXqlA68EdSzEfErgh8AOV
Analysis of the results of monitoring progress for 5 years	1	2020 <u>https://docs.google.com/document/d/1f8C7vEL_7</u> GNF3cGeFXgPfw9qUbfFvA1z/edit
Feedback from the employer on the Educational Programme	1	04.06.2019 <u>https://drive.google.com/drive/folders/1ca</u> meAj79c8pCey4zWVJn47ry-vq3B3vQ
Plan of educational work for 2021- 2022 academic year	1	27.08.2021 https://drive.google.com/drive/folders/1cameAj79c8p Cey4zWVJn47ry-vq3B3vQ
Regulations on coordinators of courses / specialties responsible for integrated and non-integrated disciplines	1	09/30/2020 <u>https://drive.google.com/drive/folders/1eO</u> maTYpynYPOyW_ZWKXoTh2sKNwI05dK
Regulations on the assessment of the students' academic progress at Semey Medical University	1	11/18/2019 <u>https://drive.google.com/drive/folders/1ca</u> meAj79c8pCey4zWVJn47ry-vq3B3vQ
Regulations on the inter-departmental control of the Semey Medical University	1	11/11/2019 <u>https://drive.google.com/drive/folders/1ca</u> meAj79c8pCey4zWVJn47ry-vq3B3vQ

Order Committee for Undergraduate Educational Programmes	1	09.10.2017 <u>https://drive.google.com/drive/folders/1JeI</u> <u>CJTyUIput9QXm9_drSBsihpQPrziW</u>
Order "On the composition of the Committee for Educational Programmes (CEP) of the 1st year of the bachelor's degree in "General Medicine "	1	03/05/2021 <u>https://docs.google.com/document/d/1GSS</u> QV86mFeWNiBNGWA6UHCWgvhd15sfl/edit
Order "On amendments to the order "On the composition of the subcommittee of educational programmes (CEP) of the 2nd year of tbachelor's degree in "General Medicine"" No. 134 dated March 05, 2021"	1	03/17/2021 <u>https://docs.google.com/document/d/1WX</u> X7jIqMF9A4w9bEVazPdf6CbIgUF8aa/edit
Order on the composition of the Committee for Educational Programmes in Higher Education	1	11.10.2018 <u>https://drive.google.com/drive/folders/1JeI</u> CJTyUIput9QXm9_drSBsihpQPrziW
Order on the composition of the Committee for Educational Programmes in "General Medicine"	1	11/18/2019 <u>https://drive.google.com/drive/folders/1JeI</u> CJTyUIput9QXm9_drSBsihpQPrziW
REGULATIONS ON THE DISSERTATION COUNCIL of Semey Medical University	1	May 27, 2019 <u>https://drive.google.com/drive/folders/1zNiH4tyT</u> <u>rbrbm_KDHXaZ7HMckBHL3mDm</u>
Regulations on the Clinical Committee of Semey Medical University	1	19.11.2020 <u>https://drive.google.com/drive/folders/1Tp</u> WLqRBbqknHNjrWX46V2iLMy2V1gpv-
Regulations on the Committee of Educational Programmes	1	11/11/2019 <u>https://drive.google.com/drive/folders/1NX</u> <u>GQkd9M0apcrjaEmB2XASYLa8wYiJgy</u>
Regulations on the evaluation of the activities of the Academic Council	1	03/12/2020 <u>https://drive.google.com/drive/folders/1jAp</u> <u>5-Z8Y0os9Y1nZTRyA1ZxxsQ-GqKgq</u>
Regulations On The Development And Monitoring Of The Annual Development Plan of Semey Medical University (Action Plan) And The Work Plan Of The Departments (Process Plan)	1	25.02.2020 <u>https://drive.google.com/drive/folders/1aca</u> <u>Sqez1MAMUynEq_zhSdwg4z6JUqb1R</u>
Clinical sites	1	01/05/2021 <u>https://drive.google.com/drive/folders/1XT</u> <u>fRceyGSbtKWVDZkcFnaPu7nVWaQFd8</u>

Regulations on the procedure for the participation of external stakeholders in the implementation of the quality assurance policy in the Semey Medical University	1	11/26/2020 <u>https://drive.google.com/drive/folders/1KQ</u> <u>RUBS2S9Xikl7cxqqdnn-kAHWlvLHas</u>
Order on the composition of the Educational and Methodological Council	1	9.10.2017 <u>https://drive.google.com/drive/folders/1KQR</u> UBS2S9Xikl7cxqqdnn-kAHWlvLHas
Standard Operational Procedure on Algorithm for risk assessment at Semey Medical University	1	6.10.2021 <u>https://drive.google.com/drive/folders/1KQR</u> UBS2S9Xikl7cxqqdnn-kAHWlvLHas
Process map Higher education	1	8.04.2020 <u>https://drive.google.com/drive/folders/1KQR</u> UBS2S9Xikl7cxqqdnn-kAHWlvLHas
Certificate of Institutional Accreditation	1	06/10/2019 <u>https://drive.google.com/drive/folders/1RQ</u> aag7vtq5DRSITUD4Y3EZ5hFwah60VG
Job description of the chief specialist of Quality Control Department	1	14.10.2020 <u>https://drive.google.com/drive/folders/1-m9Nzyux_yBeK8FpaOf52QPhzcsJsXsm</u>
Job description of Director Department for Academic Affairs	1	14.10.2020 <u>https://drive.google.com/drive/folders/1-m9Nzyux_yBeK8FpaOf52QPhzcsJsXsm</u>
Job Decription of Internship Manager	1	14.10.2020 <u>https://drive.google.com/drive/folders/1-</u> m9Nzyux_yBeK8FpaOf52QPhzcsJsXsm
Memoranda with foreign universities and organizations	1	2017- 2021 <u>https://drive.google.com/drive/folders/1jqhfboquh</u> <u>0IWLIr_v6ezEan6MjL80xoz</u>
Information on academic mobility of administrative staff and faculty	1	01/05/2021 <u>https://drive.google.com/drive/folders/1Wd</u> LVHjcp_dQZFI-H-Ri31wMdHH7d2LSR
Regulations on the procedure for transfer and restoration, deductions of students at Semey Medical University	1	06/18/2021 <u>https://drive.google.com/drive/folders/12qq</u> uGUWMj_Vsrue9Z8JJOpL7Ik5uMA3v
Academic Integrity Policy	1	11/11/2019https://drive.google.com/drive/folders/11erl OYzF1MwJGyliJEnn8tJSZDG7VO8Z
Regulations on the library	1	May 2, 2019 <u>https://drive.google.com/drive/folders/1wu19Vqz jYhK4Fsh-ybd8IpLpAf0Accd9</u>
Regulations on visa support for students, foreign faculty members and registration at the place of residence in Semey	1	7.02.2020 <u>https://drive.google.com/drive/folders/1Ty7e</u> 215QfxXYxoUuU6-uR0HnwsExoyYo
Regulations on diploma works of undergraduate students	1	5.11.2021 <u>https://drive.google.com/drive/folders/1w0</u> WaYUzkTV5BAU8fYUOpU8_16N_5Y3XG
Regulations on the organization of the summer paid semester	1	11.12.2019 <u>https://drive.google.com/drive/folders/1sO2</u> 7cPAkpS0IVHYV8BRTzR4hHbTrCxHU

Regulations on the transfer to the state grant	1	October 30, 2019https://drive.google.com/drive/folders/1mEnV1L TJt6uCCXIqVm0BvAOom4BENhn5
Regulation on the appeal	1	May 29, 2020https://drive.google.com/drive/folders/1E0cCHaj KCvfrgqgHa-DjyX_hV2zTeAQ5
Regulations on the service centre for employees and students	1	1.10.2019 <u>https://drive.google.com/drive/folders/1aAK</u> <u>A3elnYsYBSy8pyijJfz8vtCbAA-80</u>
Regulations on nominal scholarship	1	14.10.2019 <u>https://drive.google.com/drive/folders/1RS</u> hEtnBFUioJMU3ucPtMP5C52_bled
Regulations on hostels	1	May 2, 2019 <u>https://drive.google.com/drive/folders/1-</u> xepHWAtquT_R30HUUQYT8cNF_1Rbxrq
Plan of educational work of Semey Medical University for 2021-2022 academic year	1	August 27, 2021

## Programme visiting the External Expert Commission of "ECAQA" NJSC "SMU" in the framework of accreditation of the educational programme in the specialty "General Medicine" (bachelor's degree), address: Semey, Abay st. 103

Visit dates: January 26-28, 2022
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Time	EVENTS	Notes
1st day: 01/26/2022		Assessment of compliance with accreditation standards
8:45-9:00 (15/)	Meeting of the members of the EEC. Discussion of the programme and schedule of the visit to the ICC on the 1st day of the visit.	Abay 103, main building, white hall
9:00-9:30 (30/)	Meeting of the EEC with the leadership of the ICC       Chair of the Board - Rector Dyusupov Altai Akhmetkalievich       Deputy Chair of the Board for academic work Zhanaspaev Marat Amangazievich       Deputy Chair of the Board for Scientific and Clinical Work Tanatarova Gulnaz Nursoltanovna       Heads of structural divisions       Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna       Dean of the School of Medicine Uzbekova Saltanat Yesengalievna       Dean of the SHZSFSD Kozhakhmetova Dana Kenzhebaevna       Director of the Department of Science Kyrykbayeva Saltanat Sayatovna       Director of the Department of He Clinic Nurgalieva Gulnara Tursyngazievna       Director of the Department of Economics and Finance Rakhmetzhanova Zhanar Amangeldinovna	Standards 1, 6, 8, 9 Abay 103, main building, BKZ

9:30-10:10 (40/)	Interview with the management of the undergraduate programme Deputy Chairperson of the Board for academic work Zhanaspaev Marat Amangazievich Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Dean of the School of Medicine Uzbekova Saltanat Yesengalievna Dean of the SHZSFSD Kozhakhmetova Dana Kenzhebaevna Rakhimova Aigerim Ruslanovna Chief Specialist of the Department of Strategic Development Karsakova Ainur Tasbolatovna Chief Specialist of the Employment Department and the Medical Foundation Turarova Elmira Merkhatovna WMD department specialist Dauren Khaseno	Standards 1, 4, 7, 8, 9 Abay 103, main building, green hall
10:10-10:30 (20/)	<b>Evaluation of educational programmes: demand and employment of graduates</b> Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Chief Specialist of the Employment Department and the Medical Foundation Turarova Elmira Merkhatovna	Standards 2, 7 Abay 103, main building, white hall
10:30-11:00 (30/)	Planning, approval and monitoring of the quality of educational programmes Deputy Chairperson of the Board for academic work Zhanaspaev Marat Amangazievich Dean of the School of Medicine Uzbekova Saltanat Yesengalievna Dean of the SHZSFSD Kozhakhmetova Dana Kenzhebaevna Assistant of the Department of Neurology, Otolaryngology and Ophthalmology Bikbaev Rinat Muratovich	Standards 2, 7 Abay 103, main building, BKZ
11:30-11:50 (20/)	EEC meeting and the results of external evaluation and interviews, exchange of views	Abay 103, main building, white hall
11:50-12:10 (20/)	International cooperation in the context of quality assurance of the educational programme Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Chief Specialist for International Cooperation Shumsky Nikolai Aleksandrovich Chief Specialist of the Department of Strategic Development Karsakova Ainur Tasbolatovna Academic mobility specialist Nargiz Mukhamadieva	Standards 2, 5, 7, 8 Abay 103, main building, BKZ
12:10-12:40 (30/)	Personnel policy of the university in the context of the educational programme in the specialty "General Medicine"       Head of the Department of Medical Education Balashkevich Natalya Alexandrovna       Chief Specialist of the Human Resources Department Kadirova Elmira Asylbekovna       Director of the Department of Administrative and Personnel Support Enikeeva Dilyara Bulatbekovna	Standard 5 Abay 103, main building, BKZ

12:40-13:00 (20/)	EEC meeting and the results of external evaluation and interviews, exchange of views	Abay 103, main building, white hall
13:00-14:00	Lunch break	
14:00-14:30	Studying the documentation of the educational programme	
14:30-15:00 (30/)	<b>Involvement of students in R&amp;D, results of R&amp;D and their impact on the quality of educational programmes</b> Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Director of the Department of Science Kyrykbayeva Saltanat Sayatovna	Standards 2, 4 Abay 103, main building, BKZ
15:00-15:45 (45/)	Interviews with undergraduate students	Standards 2,3,4 Abay 103, main building, BKZ
15:45-16:15 (30/)	The study of distance learning technologies used in the educational programme Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Chief Specialist of CIT Tlebaldin Nurlan Berikovich Lecturer of the Department of Simulation Technologies Kovylina Regina Alksandrovna	Standards 2, 6 Abay 103, main building, green hall
16:15-16:45 (30/)	The system of accounting for the achievements of students. Registrar's office visit. Dean of the School of Medicine Uzbekova Saltanat Yesengalievna Chief specialist of the office-registrar Rakhimzhanova Bayan Kurultaevna	Standards 3.7 Abay 103, main building, white hall
16:45-17:30 (45/)	Interviews with undergraduate professors and heads of undergraduate departments	Abay 103, main building, BKZ
17:30-18:00 (30/)	EEC meeting and results of external evaluation and interviews, exchange of views	
2nd day: 27.01.202	2	Assessment of compliance with accreditation standards
8:45-9:00 (15/)	Meeting of the members of the EEC. Discussion of the programme and schedule of the visit to the ICC on the 2nd day of the visit.	Abay 103, main building, white hall

9:00-9:30 (30/)	Assessment of students. Test center visit Director of the Department of Academic Work Zhunusova Aigul Bitimbaevna Dean of the School of Medicine Uzbekova Saltanat Yesengalievna Chief Specialist of CIT Tlebaldin Nurlan Berikovich Chief specialist of the office-registrar Rakhimzhanova Bayan Kurultaevna	Standards 2, 3, 8 CIT
9:30-10:00 (30/)	Visiting the departments of basic medical disciplines. Review of resources and methodological support. Audit Fund. Department of Molecular Biology named after Academician of the National Academy of Sciences of the Republic of Kazakhstan T.K. Raisova Department of Anatomy	Standards 2,6,9 Main building 3rd floor Morphological corpus
10:05-11:00 (30/)	Assessing resources for theoretical learning. Equipping study rooms.Attending a training session of basic medical disciplines (2nd year):Topic: Physiology of digestion in various parts of the intestine.Group: 2124Full name of the teacher: Musakhanov Aizhan Ermekovna	Standards 2, 6 Main building 3rd floor, Department of Normal Physiology
11:00-13:00	Visiting clinical bases. Meetings with representatives of practical health care. Interviews with employers Alumni Interviews	Standards 2, 6 UG, BSMP
13:00-14:00	Lunch break	
14:00-14:30	Studying the documentation of the educational programme	
14:30-15:00 (30/)	Attendance at extracurricular events for bachelors (electives, SSC meetings, etc.) Meeting with an asset of undergraduate students (SSU)	Standards 1, 4 Abay 103, main building, green hall
15:00-15:30 (30/)	Interview with the department responsible for <b>professional and pedagogical improvement of university teachers.</b> Evaluation of professional development programmes for teachers, individual plans of teaching staff. Head of the Department of Medical Education Balashkevich Natalya Alexandrovna Chief Specialist of the Human Resources Department Kadirova Elmira Asylbekovna Department of Academic Affairs, Human Resources Department	Standards 5.9 Main building, BKZ
15:30-16:30 (60/)	<i>Library visit.</i> Head of the library Kadirsizova Gulzhan Sayatovna	Standards 6.9 Main building, reading room

16:30-17:00 (30/)	Meeting of the EEC and the results of the external evaluation	Conference hall, 7th floor
17:00-18:00 (60/)	Work with documentation on the undergraduate programme for compliance with accreditation standards.	Standards 2, 3
3rd day: 01/28/202	2	
9:00-10:00 (60/)	<b>EEC meeting on the results of the external evaluation.</b> Work with documentation for the undergraduate programme. Interviews with heads and representatives of university departments at the request of EEC members. Questioning of bachelors and teachers (conducted by the observer from ECAQA).	Abay 103, main building, BKZ
10:00-12:00 (90/)	Final discussion of the results of the external evaluation of the educational programme for compliance with accreditation standards. Filling individually by each member of the EEC of the Quality Profile and criteria for external evaluation of the educational programme. Formulating EEC recommendations. Designing the EEC report. Final voting on recommendations for the university. Final vote on recommendations for the ECAQA Accreditation Council.	Abay 103, main building, BKZ
12:00-12:30 (30/)	Announcement of the results of the work of the EEC, recommendations for improvement for the management and staff of the university	Abay 103, main building, BKZ
12:30-13:00	Signing of documents by members of the EEC. Completion of EEC work	