

To Accreditation Council
of the Eurasian Center for Accreditation and
Quality Assurance in Higher Education and Health Care
May 26, 2022

REPORT
OF THE EXTERNAL EXPERT COMMISSION ON THE RESULTS OF THE
EVALUATION OF THE RESIDENCY EDUCATIONAL PROGRAMME
7R01104 – "GASTROENTEROLOGY (ADULTS, CHILDREN'S)"
OF NJSC "SEMEY MEDICAL UNIVERSITY"
FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS FOR
POSTGRADUATE PROGRAMMES (SPECIALTY OF RESIDENCY) IN
MEDICAL EDUCATIONAL INSTITUTIONS

period of external expert evaluation: 23-25.05.2022

Semey, 2022

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List of symbols and abbreviations

Abbreviation	Interpretation
AMP	administrative and managerial staff
BD	Basic disciplines
BHE	basic health education
PRS	point-rating system
Blueprint	lesson topic technical specification
EKR	East Kazakhstan region
University	Higher education institution
SAC	State Attestation Commission
SCES	State Compulsory Educational Standard
DAW	Department of Academic Work
JD	job description
DOPS	direct observe of procedural skills
ESUVO	unified system of accounting for higher education
LIS	library information system
FSA	final state attestation
FSE	final state examination
IL	letter of Instruction
Irbis	library information system
IMS	integrated management system
CIS	Control and measuring instruments
KMIS	Kazakhstan Medical Information System
Committe	integrated discipline
CEP	Educational Programmes Committee
HCF	health care facility
LMS	learning management system KEYPS
MoH RoK	Ministry of Health of the Republic of Kazakhstan
ICD-10	international Classification of Diseases
MES RoK	Ministry of Education and Science of the Republic of Kazakhstan
MTE	material and technical equipment
mini-CEX	mini-Clinical Exam
MSF	360 Degree Rating
MCQ	assessment and feedback method for the supervisor
NJSC "SMU"	Non-profit joint-stock company "Semey Medical University"
RW	Research work
NLA	normative legal act
GED	General educational disciplines
GM	"General Medicine"
REP	residency educational programme
RO	registrar's Office
ATR	assessment of tolerance rating
OSPE	objective structured practical exam
OSCE	Objective Structured Clinical Exam
TS	Teaching staff
PD	Profiling Disciplines
WC	Working Educational plan
REMC	Republican Educational and Methodological Section
CBL	Case-based- CBL learning

CbD	Case-based-discussion
CIPP model	c-content programme evaluation model; I - costs, investments; P - process and P – product
QMS	Quality Management System
SSS	Student Scientific Society
SU	Structural unit
SSG	student self-government
SP	standardized patients
SCORM-packages	international standard for e-learning courses
TPEP	Typical professional educational programme
TBL	Team-based-learning
TUKMOS	Turkish National Standard of Medical Education
SC	Scientific Council
DHC	Health Care Department
SPE	School of Postgraduate Education

1. Composition of the external expert commission

In accordance with ECAQA Order No. 17 dated 05.05.2022, an External Expert Commission (hereinafter referred to as EEC) was formed to conduct an external evaluation of the educational programme 7R01104 "Gastroenterology (adults, children's)" of the Semey Medical University NJSC in the period from 23.05 to 25.05.2022, as follows:

order №	Status as part of EEC	Full name	Academic degree, academic title, position, place of work/place of study, course, specialty
1	chairperson	Zhanalina Bakhyt Sekerbekovna	doctor of Medical Sciences, Professor of the Department of Surgical and Pediatric Dentistry of NJSC "West Kazakhstan Medical University named after Marat Ospanov"
2	Foreign Expert	RIPP Evgeny Germanovich	candidate of Medical Sciences, Associate Professor, Head of the Accreditation Simulation Center of the Institute of Medical Education FSBI "National Medical Research Center named after V.A. Almazov" of the Ministry of Health of the Russian Federation, Member of the Board of the Russian Society for Simulation Education in Medicine (RSSTM), Member of the Programme Committee of RSSTM, Instructor of the European Council on Resuscitation (ERC)
3	Academic Expert	Dzhandayev Serik Zhakenovich	doctor of Medical Sciences, Professor of the Department of Otorhinolaryngology, NJSC "Medical University of Astana", Academician of the "International Academy of Head and Neck Surgery"
4	Academic Expert	URAZOVA SALTANAT NURGOZHAYEVNA	doctor of Medical Sciences, pediatrician of the highest category, Head of the Department of Family Medicine No.3 of "Medical University of Astana" NJSC
5	Academic Expert	Zhumalina Akmaral Kanashevna	doctor of Medical Sciences, Professor, Head of the Department of Children's Diseases with Neonatology of the NJSC "West Kazakhstan State Medical University named after Marat Ospanov"
6	Academic Expert	TURGUNOV ERMEK MEYRAMOVICH	doctor of Medical Sciences, Professor of the Department of Surgical Diseases of the NJSC "Medical University of Karaganda", President of the OS "Surgical Association of Karaganda Region", member of the International Surgery Society, member of the "Association of Independent Experts of Astana" and "Union of Independent Experts of KSMU"
7	Academic Expert	Ligai Zoya Nikolaevna	doctor of Medical Sciences, Head of the Department of General Medical Practice with the course of the AEMC of the NEI "Kazakh-Russian Medical University"
8	Academic	Chingaeva Gulnar	doctor of Medical Sciences, Professor of the

	Expert	Nurtasovna,	Department of Clinical Disciplines of the Higher School of Medicine of NJSC "Al-Farabi Kazakh National University", Member of the Association of Nephrologists of Kazakhstan, Russian Dialysis Society, International Pediatric Nephrology Association, ISN (International Society of Nephrologists), ERA-EDTA (European Renal Association – Dialysis and Transplantation)
9	Academic Expert	Bozhbanbayeva Nishangul Seitbekovna	doctor of Medical Sciences, Professor of the Department of Pediatric Diseases with the course of Neonatology of NJSC "Asfendiyarov Kazakh National Medical University"
10	Academic Expert	Ulzhan Tursunkulovna Beisebaeva	Doctor of Medical Sciences, Professor of the Department of Oncology, NJSC "Asfendiyarov Kazakh National Medical University"
11	Academic Expert	Doshakanova Assel Baidauletovna	candidate of Medical Sciences, Senior Lecturer of the Postgraduate Department of the Kazakh Order "Badge of Honor" Research Institute of Eye Diseases LLP
12	Expert – employer representative	Tuleutaeva Gulnara Esenzhanovna	Organizing physician - social hygienist of the highest category, deputy chief physician of the PSE on the REM "Polyclinic No.1", Semey, EKR HCD
13	Resident	Amina Timurovna Izmaeva	Resident of the second year of study in the specialty "Ophthalmology" of NJSC "Medical University of Astana"

The observer for ECAQA is Umarova Makpal Aldibekovna, Head of Accreditation and Monitoring Department.

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

The EEC report contains an assessment of the educational programme 7R01104 "Gastroenterology (adults, children's)" for compliance with the Standards of accreditation of postgraduate education programmes (residency specialties) of medical educational organizations and conclusions (hereinafter referred to as Accreditation Standards), recommendations of the EEC on further improvement of approaches and conditions for the implementation of the above-mentioned educational programme and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the educational programme 7R01104 – "Gastroenterology (adults, children's)" NJSC «Medical University Semey»

Organization name, legal form of ownership, BIN	Non-profit joint-stock company "Semey Medical University" BIN: 190240004938
Management body	Corporate Governance
Full name of the chief executive officer	Chairperson of the Management Board – Rector: Dyusupov Altai Akhmetkalievich
Created in	1953
Location and contact details	071400, East Kazakhstan region, Semey,

	str. Abay Kunanbaeva, 103.
State license for educational activities in the residency (date, number)	10.06.2019 IS-A No.0026
Information on branches, subsidiaries (if any)	<ul style="list-style-type: none"> • University Hospital • Research Institute of Radiation Medicine • Pavlodar branch • Branch in Ust-Kamenogorsk
Year of implementation of the accredited educational programme (EP)	2018
Duration of training	2
Total number of graduates since the beginning of EP implementation	1
Number of residents on EP since the beginning of the current year	4
Full-time trainers/ Combiners involved in the implementation of EP, incl. % of degree	Zhumadilova Z.K. A.Sh. Kaskabaeva Shakhanov, IE. Shakhanova A.T.- 100%

In the Department of Faculty Therapy, during the implementation of the educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" from 2018 to 2020, one resident of Aitmukhametova a.m. was trained, on the basis of a contract with a medical organization (target residency) - PSE on the REM "East Kazakhstan Regional Specialized Medical Center".

In 2020-2021, there was no recruitment of residents in the specialty "Gastroenterology, including paediatric".

The department continues to actively cooperate with the practical healthcare, being members of the therapeutic society, maintain contacts with the Republican Coordination Center for IBD and Hepatology at JSC "Research Institute of Cardiology and Internal Diseases", concluded a contract of participation in the International project - "Epidemiological study on global imaging of IBD in the 21st century "GIVES".

Those responsible for the specialty participate in "round tables" to discuss professional standards in the specialty "gastroenterology". The Department updates the content of the curricula in accordance with the development of medical science and education, based on the results of training at the PC "Evaluation and Expertise at the Medical University", "Development of Educational Programmes", as well as foreign internship at Bashkent University on the educational programme of the residency - gastroenterology Associate Professor of the Department Muzdubayeva Zh.E.

Employers began to actively interact, participating both in the formation of an order for the training of specialists of the required profile and qualifications, and in the assessment of the quality of content and training of graduates. According to the results of the feedback analysis, K.Sh Zhylykibayeva, Head of the Department of Gastroenterology of NJSC "SMU", on the problems of management of pregnant women with gastroenterological diseases and the role of extragenital pathology in the forecast of maternal mortality - in 2020-2021, "Diseases of the gastrointestinal tract and pregnancy" were included in the catalog of elective disciplines for interns of the Higher Professional Education.

Within the framework of the strategic programme for the development of the university and the strengthening of the vocational guidance activities of the teaching staff of the EP "7R110600 - Gastroenterology, including paediatric", remote integrated master classes, winter and summer schools for interns were held with a clinical analysis of interesting cases, the purpose of which was also the vocational orientation. Traditionally, the department operates a student research group, with the

leading direction "Hepatology and inflammatory bowel diseases", the work of which is carried out within the framework of the Scientific Gastroenterological School, under the guidance of Professor Zhumadilova Z.K.(Certificate No.14, approved by the Academic Council on 27.02.2020).In the 2021 academic year, the student population is 4 residents.

Mission of the EP in the specialty 7R01104 –"Gastroenterology (adults, children's)": "To improve the training of competent, qualified, competitive specialists who meet the modern requirements of professional competence, based on the principles of the trinity of education, science and practice, able to independently fully supervise patients with common diseases of the gastrointestinal tract in adults and children in hospital and outpatient clinics, as well as to diagnose rare diseases of the digestive system.

2.2. Information on previous accreditation

The specialty was accredited by an independent quality assurance agency in education in 2019(IS-A No.0026 dated 10.06.2019)

2.3 Conclusion on the results of the review of the report on the self-assessment of the educational programme 7R01104 - "Gastroenterology (adults, children's)" of JSC "Medical University Semey" for compliance with the Standards of accreditation of postgraduate programmes (specialty of residency) of medical organizations of education and conclusions

The self-assessment report of the educational programme 7R01104 –"Gastroenterology (adults, children's)" of "Semey Medical University" is presented on 98 pages and contains 12 annexes, represented by tables and diagrams according to the relevant standards.

The report is characterized by the completeness of responses to all 9 main accreditation standards and criteria, structured taking into account the recommendations of the Guidelines for the self-assessment of the educational programme provided to the organization of education by the accreditation center - ECAQA, as well as the internal unity of information. The report is accompanied by a cover letter signed by the head of the organization of education and science, the Chairperson of the Board, the Rector of the Doctor of Medical Sciences, Professor Dyusupova A.A., which confirms the reliability of quantitative information and information included in the self-assessment report.

The self-assessment of the educational programme in the specialty 7R01104 –"Gastroenterology (adults, children's)" of " Semey Medical University " was carried out on the basis of the order No. 41 dated February 9, 2022"On approval of the composition of the Working Group for self-assessment and preparation for accreditation of educational programmes of the residency No. 41 dated February 9, 2022 "On approval of the composition of the Working Group for self-assessment and preparation for accreditation of educational programmes of the residency".

The report was reviewed by Z.N. Ligay, an accreditation expert, and the review noted strengths and areas for improvement, as well as recommendations for additions and changes. Thus, in the process of feedback from the representative of the educational organization, experts received answers to the questions that arose and the self-assessment report was amended accordingly and additions were made to the recommendations of the reviewers.

All standards include the real practice of NJSC "Semey Medical University" for the training of residents in the specialty 7R01104 – " Gastroenterology (adults, children's) », taking into account the beginning of admission of students in 2021, 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 accreditation standards. The description in the self-assessment report is sufficiently complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, learning outcomes, results of knowledge and skills assessment, material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, plans for development and improvement.

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

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

3. External expert evaluation assessment

External expert work within the framework of the evaluation of the educational programme in the specialty 7R01104 - Gastroenterology adult, pediatric of Medical University Semey, NJSC, was organized in accordance with the Guidelines for the external evaluation of educational organizations and educational programmes of ECAQA (approved by the order of the Director General of the "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care" No.5 dated February 17, 2017) and in accordance with the programme approved by order No. 17 dated May 5, 2022 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the Chairperson of the Board, Rector of Medical University Semey, NJSC, Doctor of Medical Sciences, Professor Dyusupov A.A. dates of the visit to the organization: May 23-26, 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 accreditation standards.

The sequence of the visit within 3 days is presented in detail in the Visit Programme (hereinafter referred to as the Programme), which is contained in the documentation of the accreditation center and in Attachment 3 to this report. The programme is 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:

- interview with management and administrative staff – 35 people in total;
- interviews with residents – 4 people
- study of the website <https://semeymedicaluniversity.kz/>
- interviewing of 9 teachers;
- questionnaires of teachers and residents - 26 and 124, respectively;
- observation of resident training: attendance at 1 practical lesson
The lesson was conducted by Associate Professor of Faculty Therapy Shakhanov Tungyshkhan Yegizkhanovich, the subject of the lesson "Ulcerative disease of the stomach and duodenum".
- overview of resources in the context of the implementation of accreditation standards: a clinical training base was visited - "University Hospital of NJSC "SMU" in Semey, where training is carried out according to the educational programme of the residency in the specialty 7R01104 – "Gastroenterology (adults, children's)" with the participation of 9 full-time teachers;
- study of educational and methodological documents in the amount of 39 units both before the visit to the organization and during the visit to the units (the list of studied documents is in Attachment 2).

The staff of the accredited organization ensures the presence of all persons indicated in the visiting programme and according to the lists of interviews and interviews (Table 1).

Table 1 -Information about the number and category of participants in meetings, interviews, interviews with members of the EEC

№	Full name	Job Title
1	Altai Akhmetkalievich Dyusupov	Chairperson of the Management Board - Rector
2	Tanatarova Gulnaz Nursoltanovna	Acting Deputy Chairperson of the Management Board for Academic and Educational Work

3	Omarov Nazarbek Bakhytbekovich	Meeting with Deputy Chairperson of the Board for Science and Strategic Development
4	Turarova Elmira Merkhatovna	Head of Graduate and MF Employment (Residency)
5	Manatova Almira Manatkyzy	Dean of the School of Postgraduate Education (residency)
6	Kusainova Gulnara Zhomartovna	Head of Training Department
7	Bekbolatova Mariya Adletkyzy	Deputy Dean of SPE
8	Dzhobalayeva Bagym Sasanovna	residency methodologist
9	Krykpayeva Saltanat Sayatovna	Head of Research Institute
10	Dzhametdinova Ulzhan Slamovna	Head of the Department of Epidemiology and Biostatistics
11	Baybusinova Assel Zhanartasovna	Head of the Department of Epidemiology and Biostatistics
12	Yerkezhan Sayatovna Tursinkanbetova	Deputy Chairperson of the Management Board for Organizational and Economic Work
13	Gulnara Tursyngazyevna Nurgaliyeva	Head of Clinic Department
14	Malchenko Victoria Valerievna	Specialist of the Clinic Department
15	Masabaeva Meruert Ravilievna	Chief Researcher
16	Kadirsizova Gulzhan Sayatovna	Head of the Library
17	Co-founder Darkhan Sakenovic	digital and PR Technician Engineer
18	Tlebaldin Nurlan Berikovich,	Head of Digital and PR Technologies Department
19	Asylbekova Aigerim Mukhametbekovna	Psychologist
20	Rakhimzhanova Bayan Kuraltaevna	Head of Registrar's Office
21	Tattybaeva Azhar Nurlykanovna	Head of SSC&O
22	Kamalieva Anara Zakenovna Kozhakhmetova Dana Kenzhebaevna Akhmetzhanova Natalia Vladimirovna	Department of Quality Control of Medical Education
23	Karsakova Ainur Tasbolatovna	head of the Department of Strategic Development and International cooperation
24	Zhanar Dzhakubekova	specialist of the Department of Strategic and International Cooperation

25	Zhumadilova Zauresh Kenzhekhanovna	Professor of Faculty Therapy
26	Kaskabaeva Alida Sharipovna	Head of the Department of Faculty Therapy
27	Shakhanov Tungyshkhan Yegizkhanovich	Associate Professor of Faculty Therapy
28	Zhanna Yergalievna Muzdubaeva	Ass. Professor of Faculty Therapy
29	Shakhanova Aizhan Tungyshkhanovna	PhD Assistant, Department of Faculty Therapy
30	Lakhno Anastasia	Resident of 1 year of study in the specialty of Gastroenterology
31	Tuleuova Daria	Resident of 1 year of study in the specialty of Gastroenterology
32	Esmukhanbet Danagul	Resident of 1 year of study in the specialty of Gastroenterology
33	Bagdatkyzy Fariz	Resident of 1 year of study in the specialty of Gastroenterology

Thus, when implementing the activities of the programme, namely, based on the results of the interview with the first head of the organization, members of the Academic Council, in interviews with residents/students and teachers, compliance with the criteria of Standard 1 was established. All participants in the educational process know the mission of the organization, took part in the formation of proposals for the formulation of the mission, while the mission was brought to the attention of potential residents through the website, social networks, information letters to medical organizations. The strategic plan of the organization for the period of 5 years was reviewed, including such areas as educational, research, clinical, which confirms the implementation of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with 4 residents, it was established that before the beginning of classes, teachers inform about the mission, work plans of the organization of education, tell where to get the necessary information about the educational programme, teachers, training bases. This demonstrates compliance with **Standard 2** in adapting training to the needs and wishes of individual SPW residents and trainees.

The organization's documents contain work programmes, EMCD, which define the goal, take into account the integration of practical and theoretical components, independent work. Compliance with the SCES and standard requirements has been established. Attending a practical lesson with residents on the topic of "Ulcerative disease of the stomach and duodenum", the volume of hours is 2 hours, the teacher Shakhanov, I.E. hours of experts received convincing data that the training is carried out according to the plan, before the beginning of the lesson, the residents respond to tests, receive feedback from the teacher, have the opportunity to improve the skill of conducting diagnostics of gastroenterological diseases in adults and children, the ability to conduct differential diagnostics. The organization ensures compliance with ethical aspects in the implementation of educational programmes, since experts studied the Code of Ethics of University Students (Academic Council /US 01.04.2019), the Policy of Academic Integrity (US 11.11.2019), and during the interview, the residents replied that they were informed about the content of these documents.

Experts saw that the organization of classes contributes to the development of practical competencies of health care specialists. At the same time, residents deepen their theoretical knowledge, develop communication skills.

The analysis of educational activities showed that the scientific basis and all the achievements of science in advisory disciplines are taken into account, additions are made to the bibliography of the EMCD and syllabuses, and teachers apply them in classes.

A study of the control and measuring equipment (200 tests, 50 situational tasks, 20 checklists, 30 examination cards) showed that the organization has introduced an appropriate evaluation policy that allows a comprehensive assessment of the educational achievements of residents. During the interview, the residents told about the forms of assessment, such as checklists, tests and tasks, exam tickets and that they were satisfied with everything. They also receive regular feedback from teachers. The system of appealing the results of the assessment is reflected in the provision on interim and final certification and during the period of work of the organization of education of applicants for filing an appeal by residents was not. Thus, compliance with standard 3 has been established.

During the visit to the organization and during the interview with the heads of science Omarov M.B. and with the employees responsible for the organization of the educational process Manatova A.K., Kusainova G.Zh., Bekbolatova M.A., Dzhobalayeva B.S., the commission made sure that there is a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual operating plans, annual reports, provisions of divisions, contracts with teachers and residents and educational and methodological documentation (work programme, work curricula, syllabuses, journals), evaluation tools (checklists, sheets), certificates and certificates. A review of the website showed that its pages contain the necessary documents for residents: a syllabus, sample tests, tasks, tickets, recommended literature, a schedule of practical classes and thematic plans of seminars, and information about upcoming events in the organization, which is regularly updated.

Rector Dyusupov A.A. presented an overview demonstration about the university, demonstrated the achievements of the organization as a whole, problems and indicated the prospects for development in the educational field, including measures for the development of residency programmes and programmes for students in strategic terms, statistics of student recruitment over the years, including on residency programmes for past years. This interview and documentation study allowed the experts to validate the data of the report according **to the standard 5, 7.**

The conversation with the rector included such issues as the involvement of teachers and students in the work of the methodological commission, the involvement of employers and all stakeholders in the formation of proposals for components for the selection of programmes, the complexity and prospects for the development of the educational and scientific process in the NJSC SMU and allowed experts to learn about approaches to attracting staff of clinical bases for teaching, about the strategy and tactics of recruitment of residents, information security of education, as well as to identify problems in the management and development of human resources. The vision and key measures for the implementation of the development strategy, the integration of clinical, scientific and educational activities was announced, the experts also reviewed the strategic plan for 5 years, some financial documents, the annual plan for 2022 and reports for 2021, interviewed employees of the personnel department and the financial and economic sector, which allowed to validate the **accreditation standards 8 and 9.**

During the visit to clinical bases, a survey of resources was carried out, their compliance with training programmes, accessibility for teachers and residents, as far as this equipment is modern and meets the needs of students and practical health care. Experts obtained evidence of compliance with Standard 6, as well as validation of the information in the self-assessment report.

Interviews with 9 teachers, including 9 full-time teachers, showed that there are both successes and problems in educational management, depending on the specific base (admission of residents to the equipment, sufficient number of thematic patients, time for maintaining medical records, independent work). Experts received answers about the programme of professional development of teachers, financing of this training, availability at teachers of certification on methods of teaching.

On the same day, experts studied materials on the admission of residents and the selection of teachers and established compliance with **standard 4.**

In order to validate the implementation of the self-assessment report and to obtain evidence on the quality of the programmes, interviews were conducted with residents in the specialty. Experts

asked questions about satisfaction with training, the sufficiency of time for practical training, as well as satisfaction with teaching methods and teachers' qualifications.

Conclusions: In general, it should be noted that residents came purposefully to the SMU of their choice, since they believe that this organization has an excellent clinical base, experienced and leading specialists - teachers. Residents are satisfied with the training and assessment methods and use the knowledge gained and share information with their colleagues even after graduation. Residents believe that, having received a good education, they will be able to work independently after graduation. It should be noted that the students were active in answering questions from external experts, such as organizing training, assessing their skills, consulting support, opportunities to participate in research, funding, etc.).

Interviews with 20 employers/representatives of practice and business were conducted online and included such questions as: satisfaction with the competencies of gastroenterologists in medical organizations acquired in the residency, the participation of employers in the discussion of educational programmes, the degree of familiarity with the mission of the university showed that in practical healthcare organizations, where graduates of the residency are generally satisfied with the level of theoretical and practical training of employees, also confirmed participation in the discussion of educational programmes, members of the EEC received confirmation of the awareness of employees of practical healthcare organizations about the mission of the university and the mission of the educational programme.

During the visit to clinical bases, a survey of resources was carried out, their compliance with training programmes, accessibility for teachers and residents, as far as this equipment is modern and meets the needs of students and practical health care. The review of resources showed that they correspond to the goals and objectives of educational activities, so according to the educational programme of the Residence 7R01104 – "Gastroenterology (adults, children's)", the Gastroenterology Department of the "University Hospital of the NJSC "SMU" in Semey was visited, which consists of 40 beds for patients of the gastroenterological profile, where residents receive knowledge and improve the skills of inpatient treatment, including intensive, as well as outpatient treatment, and get the opportunity to monitor the continuity between different stages of therapy and rehabilitation of patients. A sufficient number of thematic patients, modern equipment and demonstrates accessibility to students are provided, and employees who simultaneously perform the roles of teachers and mentors (mentors) provide high-quality training in compliance with ethics and deontology. Before starting the relevant discipline of the educational programme, the resident receives a syllabus from the teacher and knows what skills he must acquire and develop during the training.

The employees of the organization of education provide collegial and ethical relations with the medical personnel, the management of the clinical base to achieve the final results of residents. Experts obtained evidence of compliance with **Standard 6**, as well as validation of the information in the self-assessment report.

On the last day of the visit to the organization, a meeting of EEC members was held on the results of the external evaluation. The final discussion of the results of the external evaluation of the educational programme, the study of documents, the results of the interview, questionnaires was held. EEC members started designing the final EEC report. The results of the external evaluation are summarized. Experts individually completed the "Quality profile and criteria for external evaluation of the educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" for compliance with the ECAQA Accreditation Standards. No comments were made by the EEC members. Recommendations for improving the educational programme were discussed and the Chairperson Zhanalina B.S. held a final open vote on recommendations for the ECAQA Accreditation Council for the accreditation period.

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

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

Conclusion: within the framework of the visit and external evaluation of the educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" for compliance with the ECAQA accreditation standards, the members of the ECC studied and evaluated the main performance indicators of the organization. The information obtained during visits to the units of the university and clinical bases, during meetings with the management, employees of the units, study of documentation, during questionnaires of residents and teachers, is compared with the data of the self-assessment report, which made it possible to verify the reliability and validation of the information provided.

Thus, the external evaluation and the visit of the members of the EEC allowed to verify and validate the data of the report on the self-assessment of the educational programme of the residency 77R01104 – "Gastroenterology (adults, children's)" in full in accordance with the Regulation on the External Expert Commission, the Guidelines for the external evaluation of the medical organization of education of the ECAQA.

4. Results of the survey

An observer from the ECAQA conducted an online survey on the resource in the period 23-25.05.2022 <https://webanketa.com/>.

Resident survey results: Resident survey includes 24 questions. Total number of respondents – 124.

This university will be recommended as an organization of education – 87.9% fully agree, partially -8.87%. 83.06% of respondents fully agree and 15.32% partially agree that programme managers and teaching staff are aware of their learning problems. Fully (75%) and partially (18.55%) satisfied with the conditions and equipment of the teaching rooms, classrooms of the university. According to 83.6% (fully) and 12.1% (partially) of office equipment is available for use on the basis of practice. Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes - fully agree 83.6%, partially – 14.52%. Fully (86.29%) and partially (8.87%) satisfied with the library collection and resources. 91.94% of respondents have access to e-learning resources and 6.45% believe that this is a partial access.

According to 81.45%, the organization of clinical training fully satisfies them, and 16.13% partially. Satisfied completely (88.71%) and partially (10.48%) with the methods of teaching. There is sufficient time for practical training (patient supervision, etc.) – 94.35% fully agree, 5.65% partially. Satisfied with the methods of assessing my knowledge and skills –92.74% completely agree, partially 7.26%. According to 84.71% of teachers in the classroom use active and interactive teaching methods regularly, and according to 0.81 % - rarely.

According to 91.94% of respondents, teachers constantly provide feedback after completing classes, but according to 4.03% - sometimes and 1.61% - rarely. Fully satisfied that they study at the university 91.13. %, partially 8.06%, disappointed-0.81% of respondents. The university allows you to improve or acquire the necessary knowledge and skills in the chosen specialty confidently 94.35%, not sure 0.81%, cannot give an answer 3.23%, would like to believe in this 0.81%, began to doubt this – 0.81%. Completely (94.5 per cent) and partially (93.55 per cent) satisfied with the organization of teaching at the NJSC "SMU".

According to 85.48% of respondents, accreditation is a necessary mechanism for improving educational programmes, but 8.06% believe that it is not necessary to conduct and 5.65% doubt the answer. The work of the EEC was assessed as positive – 92.74%, satisfactory -4.84%.

Thus, the vast majority of students are satisfied with the training at the NJSC SMU and believe that they will be able to fully acquire the necessary competencies for further work in the specialty.

Results of the survey of teachers of resident programmes:

The total number of teachers on the list is 26. The total number of respondents is 26, including those with up to 5 years of experience - 15.38%, up to 10 years - 7.69%, over 10 years - 76.92%. Satisfied with the organization of the educational process completely 88.46%, partially –11.54%. The university observes ethics and subordination completely agree 88.46 %, partially – 11.54%. The organization of work and workplace is fully satisfied with 73.08% of respondents, partially 23.08%. In the organization there is an opportunity for career growth and competence development to teachers- 88,46% completely agree, partially –11,54%.

In this educational institution, teachers have the opportunity to engage in scientific work and publish the results of research – fully agree 80.77%, partly 19.23%. 88,46% of respondents are completely satisfied with work of personnel service, partially–7,69%. The majority of those surveyed have undergone refresher training over the past 5 years. Only 92.31% fully agree that they can be implemented as professionals, and 7.69% - partially. Unfortunately, 7.69% did not answer the question whether the university supports the teacher in participating in international and republican events, and 30.77% did not address this to the management or relevant administrative employees of the university. The majority of respondents (96.15%) completely agree, and 3.85% partially agree that students have free access to patients on the clinical bases of the university and to the resources of the practice bases. 26.92% are unaware of the implementation of social programmes to support teachers and 3.85% of respondents are doubtful about their availability. The management and administration systematically listen to the opinion of teachers-76.92%, sometimes -0% of respondents. Various methods of teaching are used in the teaching of students, but more often work - analysis of situational problems (88.46%), work in small groups (61.54%), oral surveys and analysis of the topic (50%), also problem-oriented teaching (34.62%), solution of tests (73.08%), cases are solved (88.46%), less often written performance of tasks (7.69%). Completely according to 73.08% that this questionnaire will be useful for the development of recommendations for improving the university and educational programmes of the residency, 19.23% partially agree with this.

Thus, the survey of teachers showed a good level of microclimate in the team, the activities of the administration in improving and improving the working conditions of teaching staff, an adequate level of resources and excellent organization of the process of training students in the NJSC SMU.

5. Analysis for compliance with accreditation standards based on the results of an external evaluation of the educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)"

6. Standard 1: MISSION AND END OUTCOMES

Evidence of compliance:

1.1 Mission

The mission of the educational programme has been communicated to all stakeholders in the field of medical education and health care, the academic community, and students.

The content of the mission and the educational programme in general were presented to external stakeholders, positive feedback was received from the head of the department of gastroenterology of the University Hospital of NJSC "SMU" Zhylkibaeva K.Sh. with subsequent discussion and approval at the meeting of the department dated August 27, 2021. The mission of the university and the educational programme is developed taking into account the analysis of the current situation in the healthcare of the Republic of Kazakhstan.

1.2 Professionalism and professional autonomy

Training under the programme is carried out at the most technically equipped clinical base in Semey with a strong staff, which contributes to the fulfillment of the set mission, while guarantees for students about the conditions of study and work are determined to support their own health.

1.3 Learning outcomes

The final results of training in the specialty of the residency 7R01104 –"Gastroenterology (adults, children's)", were formed on the basis of the SCES 2020. In formulating the final training results, the

Key Competencies of the SCES were taken as the basis. Levels of clinical competence and levels of practical skills, manipulations, procedures), each of these points is prescribed and applied to nosologies (ICD-10) studied in the residency.

The Code of Ethics for Students, adopted by the University on 15.03.2019, describes the principles of the corporate behavior of students, the relationship of students with teachers and among themselves, the relationship of students with doctors, etc.

On the first day of work, residents are briefed on the code of business ethics of a medical worker, the rules of conduct in the staff of a medical institution. Compliance with the Code is under the control of the resident's supervisor and mentors. The list of practical skills presented in the EP, their number and the level of performance of competencies corresponds to the one recommended for the SCES 2020. The EP provides for the formation of knowledge and practical skills for the provision of specialized care for various pathologies at all levels of medical care, while the supervision of patients is carried out under the supervision of a mentor, and duty under the control of the doctor on duty. The university has obligations to ensure the health and safety of residents in their education. According to these obligations, all responsibility for the damage caused to the health or life of residents and students in clinics rests with the university. Accordingly, before starting work, residents are instructed on safety and the duration of work of residents in the clinic is observed. Informing the medical community about the established final results of studying at the residency programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" is carried out by discussing the educational programme at the department, providing information to the heads of healthcare organizations and receiving feedback, publishing about the educational programme approved by the Academic Committee on the university website.

1.4 Participation in the formulation of the mission and final results

The mission and final results of training under the programme 7R01104 – "Gastroenterology (adults, children's)" are formulated on the basis of the "Standard for the organization of gastroenterological assistance to the population in the Republic of Kazakhstan". Representatives of the main stakeholders are involved in the formulation of the mission of the educational programme by discussing the draft mission with students; at an enlarged meeting of the Department of Faculty Therapy; a meeting of the Academic Committee, which includes representatives of employers/representatives of practical health care, students and representatives of various clinical specialties.

Conclusions of the EEC on the criteria. Compliant with 17 standards: full – 17.

Standard 1: Implemented

There are no recommendations.

Standard 2: Educational programmes

Evidence of compliance:

2.1 Postgraduate programme framework

For this standard, materials were provided by a link in a Google disk. In addition, upon additional request, the required documents were provided. Information was also obtained during interviews and visits to the clinic.

The educational programme of the residency in the specialty 7R01104 – "Gastroenterology (adults, children's)" is implemented in accordance with the State mandatory standards and standard professional training programmes in medical and pharmaceutical specialties dated July 31, 2015 (as amended by the order of the Ministry of Health of the Republic of Kazakhstan dated February 21, 2020 No. DSM-12/2020 Chapter 2. Requirements for the content of educational programmes of the residency with a focus on the results of training). The structure, content and duration of the programme are clearly defined. The programmes were developed by the department staff in the relevant disciplines and approved by the Academic Council. Documentary evidence of the discussion of EP with stakeholders was presented.

The qualification obtained as a result of mastering the educational programme – "gastroenterologist" is clearly defined and corresponds to the 7th level of the National Qualification Framework and is reflected in the passport of the educational programme. Training in residency under the educational programme 7R01104 – "Gastroenterology (adults, children's)" is practice-oriented, which is consistent with the requirements of the SCES, where 75% is given to independent work under the guidance of a mentor and 15% to independent work of a resident.

To ensure a qualitative trajectory of training and increase the effectiveness of training, an individual training plan (IEP) for each academic year is drawn up under the guidance of clinical and academic mentors. During training in the residency, the following teaching methods are used – classroom work, independent clinical work under the guidance of a clinical mentor and independent work of the student. Classroom classes are conducted by an academic mentor in the form of mini-lectures, clinical debriefings, symposia, conferences, SbD, advisory support, work in a simulation center. According to the requirements of the State Standard of Healthcare of the Republic of Kazakhstan 2015 and the standard professional training programme for medical specialties of the residency, the order of the Ministry of Healthcare of the Republic of Kazakhstan No. 647 dated July 31, 2015, as amended by the order of the Minister of Healthcare of the Republic of Kazakhstan dated February 21, 2020 No. KR DSM-12/2020 in the specialty 7R01104 – "Gastroenterology (adults, children's)" only specialists of practical healthcare with extensive clinical gastroenterological experience having the highest and first qualification category are involved as mentors for resident gastroenterologists

Educational programmes are aimed at the final results – the acquisition of appropriate competencies that are prescribed and practice-oriented.

2.2 Scientific method

Each EP includes training from the standpoint of evidence-based medicine, management of scientific research and public health, training in the search for reliable and high-quality information, the ability to differentiate it in terms of value and effectively use it in clinical practice and research work.

All clinical departments work according to clinical protocols of the Ministry of Health of the Republic of Kazakhstan, based on evidence-based medicine. The educational programme 7R01104 – "Gastroenterology (adults, children's)" provides for the development and consolidation of the skills of the methodology of medical scientific research. During active clinical work, residents carry out research activities in parallel under the guidance of an academic mentor. In order to consolidate this skill in the educational programme 7R01104 – "Gastroenterology (adults, children's)", 8 CC credits were allocated in the form of disciplines "Management of scientific research" and "Biostatistics". The skills of posing a clinical question, searching for reliable information, critical evaluation of medical literature are actively used by mentors during the educational process. During the discussion of a clinical case (CbD), analysis of situations (CS - case-study), residents substantiate the therapeutic and diagnostic tactics of patient management from the standpoint of evidence-based medicine, arguing and proving their arguments with scientific facts.

2.3 Content of the residency programme

The educational programme of the Residency in the specialty 7R01104 – "Gastroenterology (adults, children's)" includes the mastery of such competencies as: leadership, communication skills, knowledge of the health care system, business skills and practices. Every year, on the basis of the decision of the Academic Council, the Rector's order on academic and clinical mentors is approved, under the guidance of which resident gastroenterologists undergo clinical work. Before starting the training, all residents must be instructed about the rules of conduct in the departments, the confidential nature of patient information, and the rights of patients.

The educational programme contains not only topics according to the State Educational Standard of 2020, but also topics that are studied in the residency at the university – partner – of the University of Bashkent. In the development of the educational programme, the needs of practical health care and society of the Republic of Kazakhstan and international experience, including the

experience of the partner's university were taken into account. The term of study in the educational programme 7R01104 –"Gastroenterology (adults, children's)" is 2 years, and has 6 key competencies.

2.4 Programme structure, content and duration

The educational programme follows the Model Curriculum and consists of 144 credits (4,320 hours). The programme structure includes 4 modules:

When talking to residents, the expert found that there is no possibility of choosing elective disciplines in disciplines related to gastroenterology. The catalog of elective disciplines is represented only by scientific topics.

2.5 Organization of training

The School of Postgraduate Education is responsible for the organization, coordination of the educational process and the curriculum, the main activity of which is to ensure the implementation of the curricula and programmes of the residency. When planning an educational programme, appropriate representation of employees, students, and other stakeholders is observed, including employees of the main clinical base – the University Hospital of the SMU.

2.6 Relationship between postgraduate medical education and health care

Theoretical knowledge gained during training with an academic mentor is integrated and transferred to the practical clinical activity of the resident, where the resident is supervised and guided by a clinical mentor. The Regulation on the Resident Clinical Mentor has been introduced. Integration between training and care to achieve the resident's learning outcomes is on-the-job training. The resident has access to patients from the first day of training and provides medical care under the guidance of a clinical or academic mentor. Residents observe the principles of ethics and behavior adopted at the university.

Conclusions of the EEC on the criteria. Compliant with 30 standards: fully - 29, partially – 1.

Standard 2: Implemented

Recommendations for improvement identified during the external visit:

- 1) To provide residents with an alternative choice of elective disciplines in the specialty of the educational programme (2.4.2).

Standard 3: ASSESSMENT OF STUDENTS

Evidence of compliance:

3.1 Methods of evaluation

An Academic Policy has been developed and is in force, which defines the procedure for organizing the educational process, monitoring the educational process, the policy on passes and the procedure for conducting an examination, a model for assessing academic achievements.

In the residency in the specialty 7R01104 –"Gastroenterology (adults, children's)" all types of assessment cover 3 domains – cognitive, psychomotor, affective. Criteria for passing examinations or other types of assessment, including the procedure for retaking the residency are reflected in the "Regulations on residency".

In the current academic year, a programme for assessing the practical skills of the resident was introduced in the Medlog application, which allows monitoring the reliability of documentation of the achievement of practical skills of students, in accordance with the portfolio of the resident. Appeal of the results of the assessment of residents is carried out in accordance with the Academic Policy of the University and the "Regulations on Residence".

The results of the various stages of resident training are digitally entered into the KEYPS LMS. The daily attendance of residents is also noted in the LMS KEYPS.

3.2 Relationship between evaluation and training

All types of assessment in the residency in the specialty 7R01104 –"Gastroenterology (adults, children's)" are carried out within the framework of formative and summative examinations and cover cognitive, psychomotor, affective domains.

MCQ, EMQ, CbD and partly MiniCEX (communication and manual skills, clinical thinking skills) are used to assess the cognitive domain. The main methods for evaluating the psychomotor domain are dops and MiniCEX, and for the affective domain – 360.

The conclusions of the EEC meet the criteria of 11 standards: 11 in full.

Standard 3: Implemented

No recommendations

Standard 4: STUDENTS

Evidence of compliance:

4.1 Admission and Selection Policy

The selection of residents at the university is carried out in accordance with the order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No. KR DSM-270/2020, the order of the Minister of Education and Science of the Republic of Kazakhstan "On approval of the Standard Rules for admission to education in the organization of education, implementing educational programmes of higher and postgraduate education" No.600 dated October 18, 2018, taking into account amendments and additions No.237 dated June 8, 2020 and "Regulations on the admission of students to higher and postgraduate education in the NJSC "Medical University Semey "2021.

The policy of admission to the residency in the specialty 7R01104 –"Gastroenterology (adults, children's)" complies with national legislation and takes into account the safety of residents. Admission to the residency is managed under the guidance of the Chairperson of the University Board, who is the Chairperson of the Admission Commission for Residence.

When entering the residency, GPA in internship (25%) and bachelor's degree (25%), a consolidated assessment based on the results of two stages of the final state certification of the 7th year (25%), as well as an entrance exam in a test format (25%) were taken into account.

4.2 Number of residents

The number of residents for the specialty 7R01104 "Gastroenterology adult, children" is determined by the number of places for state educational grants from the Ministry of Health of the Republic of Kazakhstan, which is allocated depending on the needs for human resources, as well as the number of grants of the Akim and those wishing to study on a paid basis. In the 2021-2022 academic year, 2 residents for state educational grants and 2 for targeted grants, which are paid at the expense of the organization, entered the residency in the specialty 7R01104 –"Gastroenterology (adults, children's)".

4.3 Resident support and advice

The University provides support to residents, focused on social, financial and personal needs. Consultations of residents are also based on the results of monitoring of academic progress. For example, after the results of the midterm control, the weaknesses in the field of knowledge are analyzed. It is necessary to consider complex questions to which residents answered poorly. In case of unforeseen situations – the situation is also analyzed and analyzed.

4.4 Representation of residents

Residents are part of the CEP Residency and participate in the collegial discussion of the issues of the educational programme of the Residency.

Residents in the specialty 7R01104 –"Gastroenterology (adults, children's)" take an active part in the development of the training programme (questionnaires or oral discussions with graduates of the residency are held).

4.5 Working conditions

According to the Decree of the Government of the Republic of Kazakhstan [dated 03.09.2021No.612](https://www.primeminister.kz/en/decisions/03092021-612) (<https://www.primeminister.kz/en/decisions/03092021-612>), residents studying under a state educational order are paid a scholarship in the amount of – 88494 (eighty-eight thousand four hundred and ninety-four) tenge.

Students of the residency have the opportunity to work in their free time for 0.25 hours as a doctor in healthcare organizations according to the certificate of a specialist (general practitioner, pediatrician, GP), laboratory assistant, trainee teacher of the department. In the 2021-2022 academic year, the resident – a gastroenterologist, who entered with a targeted grant, works 0.25 h. in the healthcare organization that pays the resident's tuition at its own expense.

In accordance with the State Mandatory Residence Standard, the resident's training day is 9 hours, 1 hour (10%) of which is allocated for classroom classes, 90% for IWRT and IWR. In connection with this Regulation on the residency of the NJSC SMU.

Conclusions of the EEC on the criteria. Compliant with 30 standards: full – 30.

Standard 4: Implemented

No recommendations

Standard 5: FACULTY

Evidence of compliance:

5.1 Recruitment and Selection Policy

Competitive selection of faculty is carried out in accordance with the order of the Minister of Education and Science of the Republic of Kazakhstan dated April 23, 2015 No.230 "On approval of the rules for competitive filling of positions of faculty and researchers of higher educational institutions", as well as the order of the State University of Semey No.394 dated August 2, 2018.

In accordance with the personnel policy of the SMU, persons with an academic degree, master's degree or professional education in the relevant fields of training are admitted to pedagogical activities. The HR policy includes requirements for hiring clinical mentors. Clinical mentors can be specialists' doctors in the relevant specialty (Regulation on a clinical mentor, approved on 14.10.2020).

Staffing of the educational process under the programme 7R01104 – "Gastroenterology (adults, children's)" is represented by 9 people: 1 – Doctor of Medical Sciences, Professor; 1 PhD, 7 – Candidates of Medical Sciences, including 5 - Associate Professors. The share of teaching staff with academic degrees and titles is 100%. All teachers in the specialty of the residency 7R01104 – "Gastroenterology (adults, children's)" regularly improve their competencies, studying at advanced training cycles, have certificates.

5.2 Teachers' obligations and development

The teacher can spend the classroom hour daily, at any time – during the working day. The rest of the time, the resident is busy with a clinical mentor and his own work. The schedule for the residency classes is located in the LMS Keys. The University has a system of permanent certification of faculty. The Regulation on the certification of employees of the Non-Profit Joint-Stock Company "Medical University Semey" was approved on May 27, 2019. The assessment is carried out every five years, in June 2019 the teachers successfully passed the assessment. The "Regulation on the professional development and development of employees" of 2019 was developed. For the professional growth of teaching staff at the university, the Regulation on the advanced training and retraining of medical and pharmaceutical personnel of NJSC "SMU", approved on July 4, 2019, was approved. To stimulate and support talented young specialists, a system has been developed for forming a talent pool of management staff - the "Hope" talent pool, and criteria have been developed for selecting candidates for the "Hope" talent pool. Through the international department of the university, mobility of teaching staff is organized on a competitive basis, internships are held at Bashkent University (Ankara, Turkey), which is a strategic partner of the NJSC SMU. When reviewing the documents "School of Clinical Mentors", experts found that learning at the school only communicative skills.

Conclusions of the EEC on the criteria. Compliant with 7 standards: fully – 6, partially – 1.

Standard 5: Implemented

Recommendations for improvement identified during the external visit:

- 1) Include in the advanced training programme in the "School of clinical mentor" questions on the mastery of basic pedagogical competencies (5.2.2).

Standard 6: EDUCATIONAL RESOURCES

Evidence of compliance:

6.1 Logistics and equipment

The Department of Faculty Therapy is located in the University Hospital of the SMU, a multidisciplinary clinical base serving adults and children. It has 10 classrooms with a total area of 132m². The training rooms are designed for up to 10 seats and are located in the buildings of clinical bases.

The study rooms are fully equipped for seminar / practical classes, they have the necessary body furniture, computer equipment: multimedia set-top boxes with monitors. All audiences of the department are provided with unlimited access to the Internet.

There is access to the national subscription of the Ministry of Education and Science of the Republic of Kazakhstan to the Scopus and Science direct bases of the Elsevier publishing house. Users successfully work with the open Web of Science platform.

6.2 Clinical Bases

One of the clinical bases is a gastroenterological department with 40 beds, where specialized care is provided to patients with pathologies of the gastrointestinal tract and hepatobiliary system. There is a polyclinic service. Practical skills are also practiced during work at the level of the outpatient polyclinic, when residents in the specialty 7R01104 – "Gastroenterology (adults, children's)" are directly involved in determining and correcting the social determinants of health

6.3 Information technology

Each teacher has the opportunity for independent access to information, the use of modern information and communication technologies for patient management and work in the KMIS health care system (integrated medical information system).

The faculty members and residents of the department have access to and participate in the KMIS. Information support for the work of resident doctors is carried out through: the media (Facebook, Telegramm, etc.), the University's website; an electronic ticker; television monitors in the lobby of educational buildings. The NJSC SMU library has permanent access with electronic databases (Cochran Library, Medline and Pubmed).

6.4 Clinical Teams

The interaction of the resident with other team members is reflected in Questionnaire 360. Residents of gastroenterology are members of the Scientific Gastroenterology School, within which scientific projects, including student projects, are carried out. In the second year of study, it is planned to attract residents to pedagogical practice in the cycle of gastroenterology for students of the 5th year.

6.5 Medical Research and Advances

Resident gastroenterologists are actively involved in research. This is stipulated in the Educational Programme for this specialty, where each resident is obliged to conduct scientific research during his/her independent work. Within the framework of observance of the principle of trinity – education, science and clinic, residents participate in the scientific work of the department, in particular, being members of the "Scientific Gastroenterological School", the head of which is Professor Z.K. Zhumadilova, they have joint publications of theses. At the Department of Faculty Therapy, «Journal Club» classes are held in order to learn to read and understand scientific articles, critically assess the strengths and weaknesses of experimental design.

6.6 Education expertise

The regulation "Strategy for ensuring the quality of the educational process" has been developed and implemented, which defines the algorithm for monitoring the educational process: systematic discussion of the educational process at meetings of collegial bodies, updating the educational process

in connection with the needs of the labor market and taking into account the wishes of stakeholders, systematic receipt and analysis of feedback on the quality of the educational process from all stakeholders, planning of measures to improve it. The Academic Committee annually organizes events to improve the educational programmes of the residency: forms working groups on examinations of the assessment of working curricula, teaching and evaluation methods, planning of measures to improve the content and the process of implementing the educational programme. At the same time, the commission noted that there are no executed implementation acts on the used innovative methods in training.

6.7 Training in other institutions

International activities and academic mobility are carried out in accordance with the Concept for the development of internal and external academic policy of students and teaching staff of the SMU for 2019 - 2022 and the Regulation on academic mobility of students and teaching staff.

Conclusions of the EEC on the criteria. Compliant with 21 standards: fully -20.

Standard 6: Implemented

Recommendations for improvement identified during the external visit:

- 1) To document innovative methods used in the educational process (6.6.2).

Standard 7: PROGRAMME EVALUATION

Evidence of compliance:

7.1 Monitoring and evaluation mechanisms

Assessment of educational programmes of the residency is carried out: 1) at the level of the department and local or regional collegial communities; 2) at the level of the university (through the committee of educational programmes, the academic committee, including the subcommittee of postgraduate education, the department of quality control of medical education); 3) at the external level (accreditation of educational programmes by accreditation agencies).

The evaluation of the programme begins with an analysis of its structure, which analyzes the mission, purpose and final results of the programme to assess their compliance with the needs of practical health care, modern trends in science and education, the goals and mission of the university (NJSC "SMU"), the requirements of the State Standard of Healthcare and Other Regulatory Documents. The evaluation of the programme is carried out on the basis of collective solidarity of all stakeholders, where the evaluation of the programme begins from the moment of its development, monitoring the implementation process to the analysis of the results obtained and the release of a highly qualified specialist.

7.2 Feedback from teachers and residents

Feedback is collected in the form of a questionnaire, monitoring of requests to blogs on the website of the university for an anonymous appeal to the Chairperson of the Board – the Rector. All the results of the feedback analysis are discussed at the meetings of the subcommittee of the AC residency, and the portfolio and competencies of students are developed or supplemented.

7.3 Results of Residents and Graduates

The University's School of Postgraduate Education (SPE) analyzes the results of the survey of employers about the clinical practice of graduates, the results of the final certification of residents and the feedback received from employers, and transfers this information to the specialized department and other departments and collegial bodies responsible for the reception of residents and planning of the educational programme. These results are discussed at the enlarged meetings of the department, at the meetings of the subcommittee of the AC residency, the Academic Council, where all interested parties participate.

7.4 Stakeholder Engagement

Evaluation and monitoring of educational programmes is carried out with the participation of all stakeholders: representatives of practical health care, teachers, residents, who, as part of the subcommittee of the residency of the Academic Committee, participate in monitoring the

implementation and evaluation of the educational programme. On the university's website, educational programmes are published, to which interested parties have access to the results of the assessment (Rector's reports - <https://semeymedicaluniversity.kz/o-nas/otchyoty-rektora/>) or in keys (FA and SA), relevant analytical references, feedback analysis

7.5 Procedure for Approval of Educational Programmes

The educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)", developed in accordance with the SCES and the Standard Curriculum for this specialty, was approved at a meeting of the department and subcommittee of the AC residency through the voting procedure. After all the necessary conditions are met, it is entered in the register of educational programmes. In 2018, a license was obtained (updated in 2019 in connection with the transition to the NJSC status), in 2019, a specialized accreditation was passed in the IQAA with subsequent passing of the PAM (2021).

Conclusions of the EEC on the criteria. Compliant with 15 standards: fully – 15.

Standard 7: Implemented

No recommendations

Standard 8: GOVERNANCE AND ADMINISTRATION

Evidence of compliance:

8.1 Management

The University constantly monitors the quality of classroom classes, the work of residents with clinical mentors, as well as monitors the independent work of the resident. The school of postgraduate education constantly monitors the readiness for the educational process, the equipment of the clinical base, visiting residents, etc.

The university fully regulates the educational process in the residency through a number of structural units, the work of which is based on transparency and awareness of stakeholders. The official website of NJSC "SMU" contains all the necessary information about the work of the SPE, the DQCME, the subcommittee of the AC Residency, the register's office, the training department, the scientific department, the clinical department and the department.

8.2 Academic Leadership

General management of the residency and general control over the implementation of residency programmes in the specialty 7R01104 – "Gastroenterology (adults, children's)" is carried out by the deputy chairperson of the university's board for scientific and clinical work. The School of Postgraduate Education is the structural unit responsible for the implementation and effectiveness of the residency's educational programmes. Discussion and resolution of the main issues on the organization and implementation of residency programmes is carried out at the meetings of the subcommittee of the academic committee on residency programmes, which is a collegial body that includes all those responsible for the specialties of the residency, representatives of practical health care, as well as residents.

8.3 Training budget and resource allocation

The budget of the residency educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" is regulated by the Department of Economics and Finance, the Department of Accounting and Reporting, the Department of Planning and Economic Analysis. They are managed by the deputy board of the university for organizational and economic work. The educational programme of the residency is financed mainly from the republican budget. Funds allocated for the training of residents are spent on the purchase of necessary equipment on a competitive basis, library resources, payment for information resources and other items of expenditure established by regulatory legal acts.

8.4 Administration and Management

There is a Academic Council, which consists of representatives of the administrative and teaching staff (chairperson of the board-rector, vice-chairperson of the board, heads of departments, directors of clinics, departments, students, representatives of practical health care).

A quality management system has been in place for many years. Currently, this is done by the Department of Strategic Development and Quality Management System.

8.5 Requirements and regulations

The choice of the specialty of residency is regulated by the Order of the Minister of Health of the Republic of Kazakhstan No. KR DSM-92/2020 dated July 30, 2020 "On the placement of a state educational order for the training of specialists with post-secondary, higher and postgraduate medical and pharmaceutical education for the 2020-2021 academic year"

Specialty 7R01104 – "Gastroenterology (adults, children's)" is included in the register of educational programmes.

Conclusions of the EEC on the criteria. Compliant with 15 standards: fully – 15.

Standard 8: Implemented

No recommendations

Standard 9: CONTINUOUS RENEWAL

Evidence of compliance:

The university management system is based on continuous improvement of postgraduate education and is carried out in accordance with the best practice of world educational management, takes into account the needs of practical health care of the Republic of Kazakhstan, is provided by regular review and updating of the process.

The results of the study of international experience in organizing training in the residency of the "partner university" are: a revision of the approach to the assessment of residents, the introduction in 2018 of the "Case-log" system, the introduction in the EP of the concept of "the level of proficiency in clinical competencies (E, PD, D, DT, DTT, P) and" the level of proficiency in practical skills, manipulations, procedures "(I, II, III, IV)," a list of nosologies and conditions that must be mastered by the resident "," a list of practical skills, manipulations, procedures that must be owned by the resident "

Taking into account the tendency of "trinity" regarding medical specialists, the university made a collegial decision to include in the educational programme of the residency a component of choice on the topic "Research in Medicine". The mandatory requirement for mastering this elective is that the resident performs his own research with the subsequent registration of the research result in the form of an article and/or a report at the conference.

The responsibility for ensuring the quality of medical education rests with the relevant department, the DQCME, the department of the clinic, the SPE, the Deputy Chairperson of the Board for the AW and the SCR, the Chairperson of the Board – the Rector.

As a result of the discussion of problems in the residency during the meetings of collegial bodies, the University purchased access to the UpToDate database. Studying the experience of organizing a residency at the partner university led to the introduction of advanced approaches of Bashkent University in the educational programme of the SMU residency.

Resources are monitored annually for continuous improvement. The library collection is constantly updated with basic and supplementary literature in three languages (Kazakh, Russian, English). Residents have a good opportunity to work in various electronic platforms. Currently, an improved platform is used – Keyps, which was borrowed from a strategic partner – Bashkent University (Ankara, Turkey). The results of the assessment are carried out on the basis of the recommendations of the League of Academic Integrity with the help of BellCurve and the Rules for the Organization of the Educational Process on Credit Technology of Education. Since 2019, clinical mentoring has been officially introduced.

Conclusions of the EEC on the criteria. Compliant with 4 standards: fully - 4.

Standard 9: Implemented

There are no recommendations.

6. Presentation of the educational programme 7R01104 –"Gastroenterology (adults, children's)" of NJSC «Medical University Semey»

- 1) To provide residents with an alternative choice of elective disciplines in the specialty of the educational programme 7R01104 –"Gastroenterology (adults, children's)" (2.4.2.);
- 2) Include in the advanced training programme in the "School of clinical mentor" questions on the mastery of basic pedagogical competencies (5.2.2).
- 3) To document innovative methods used in the educational process (6.6.2).

EECAQA

7. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend to the Accreditation Council to accredit the educational programme 7R01104 –"Gastroenterology (adults, children's)" of the Non-profit Joint Stock Company "Semey Medical University", which meets the Standards of accreditation of educational programmes of the residency of medical educational organizations for a period of 5 years

Chairperson of the External Expert Commission

Zhanalina Bakhyt Sekerbekovna

Foreign expert (online)

Ripp Evgeny Germanovich

National Academic Expert

Zhumalina Akmaral Kanashevna

National Academic Expert

Turgunov Ermek Meiramovich

National Academic Expert

Dzhandayev Serik Zhakenovich

National Academic Expert

Urazova Saltanat Nurgozhayevna

National Academic Expert

Ligai Zoya Nikolaevna

National Academic Expert

Chingaeva Gulnar Nurtasovna

National Academic Expert

Bozhanbayeva Nishangul Seitbekovna

National Academic Expert

Beisebayeva Ulzhan Tursunkulovna

National Academic Expert

Doshakanova Asel Baidaletovna

Expert - representative of employers

Tuleutaeva Gulnara Yesenzhanovna

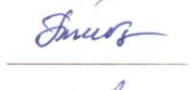
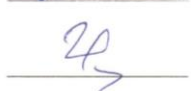
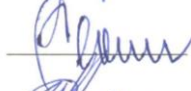
Resident representative Expert

(online)

Izmayeva Amina Timurovna



Рипп Е.Г.
(полномоч.)



Quality profile and criteria for external evaluation of the educational programme in the specialty 7R01104 – "Gastroenterology (adults, children's)" of NJSC "Medical University Semey"

Standard	Evaluation Criteria	Number of standards	Estimation		
			Fully compliant	Partially compliant	Not compliant
1	MISSION AND END OUTCOMES	17	17	-	
2	EDUCATIONAL PROGRAMME	30	29	1	
3	ASSESSMENT OF STUDENTS	11	11	-	
4	STUDENTS	30	30	-	
5	FACULTY	7	6	1	
6	EDUCATIONAL RESOURCES	21	20	1	
7	PROGRAMME EVALUATION	15	15	-	
8	GOVERNANCE AND ADMINISTRATION	15	15	-	
9	CONTINUOUS RENEWAL	4	4	-	
	Subtotal:	150	147	3	
			150		

ECAQA