

To Accreditation Council
Of The Eurasian Center for Accreditation
And Quality Assurance
In Higher Education and Health Care

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE ASSESSMENT OF THE EDUCATIONAL
PROGRAMME
7R09134 "FORENSIC-MEDICAL EXAMINATION"
OF NON-PROFIT JOINT STOCK COMPANY
"Semey Medical University"
IN COMPLIANCE WITH STANDARDS FOR ACCREDITATION OF
EDUCATIONAL PROGRAMMES OF RESIDENCE (PRIMARY
ACCREDITATION) IN MEDICAL EDUCATION ORGANIZATIONS OF THE
"EURASIAN CENTER FOR ACCREDITATION AND QUALITY
ASSURANCE IN HIGHER EDUCATION AND HEALTH CARE"**

period of external expert commission: May 18-20, 2021

Semey, 2021
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LIST OF SYMBOLS AND ABBREVIATIONS:

AMP	Administrative and management personnel
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BD (O)	Basic disciplines (training)
GP	General Practitioner
University	Higher educational institution
EKR	East Kazakhstan region
SAC	State Attestation Commission
SCES	State compulsory education standard
GPA	Weighted average assessment of the level of educational achievements of a student in the chosen specialty
DAD	Department of Academic Development
DSHR	Department of Science and Human Resources
DOPs	Direct observation
ECTS	European Credit Transfer and Accumulation System
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care
FSA	Final state attestation
IC	Individual curriculum (resident)
ILS	information library system
CVI	Coronavirus infection
COC	Component of choice
CEP	Committee of educational programmes
QED	Catalog of elective disciplines
LMS	learning management system KEYPS
MoH RK	Ministry of Health of the Republic of Kazakhstan
Mini-CEX	Mini Clinical Exam
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
MEO	Medical education organization
MA	Methodical advice
NJSC "SMU"	Non-profit Joint Stock Company "Semey Medical University"
R&D	Research work of a resident
IQAA	Independent Agency for Quality Assurance in Higher Education
SSC	Scientific student circle
STP	Scientific and technical programme
NCIE	National Center for Independent Examination
EP	Educational programme
IA	Intermediate attestation
PBL	Problem- based learning
MD	Major disciplines (training)
PHC	Primary health care
PPP	Faculty
RSE on REM	Republican state enterprise on the right of economic management
WC	Working curricula
CBL	Case-based-learning
NKR	North-Kazakhstan region
QMS	Quality Management System
SOP	Standard operating procedures

IWS	Independent work of students
IWR	Independent work of a resident
SC	Simulation center
IWRT	Independent work of a resident under the supervision of a teacher
TBL	Team-based-learning (training in a team)
TC	Typical curricula
ERWR	Educational and research work of residents
AC	Academic Council
CNM&O	Center for Nuclear Medicine and Oncology
GCC	Graduate Career Center

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 32 dated January 18, 2021, an External Expert Commission

was formed to conduct accreditation of educational programmes for 18 residency specialties of NJSC SMU in the period from May 18 to May 20, 2021, in the following composition:



Chairperson of the External Expert Commission

KUZGIBEKOVA ALMA BOLATOVNA,
Candidate of Medical Sciences, Professor of the Department of Childhood Diseases, Karaganda Medical University,
Honorary Worker of Education of the Republic of Kazakhstan, Accredited independent expert in assessing the quality of medical services.



Foreign expert

RIPP EVGENY GERMANOVICH
Candidate of Medical Sciences, Associate Professor, Head of the Accreditation and Simulation Center of the Institute of Medical Education of the Federal State Budgetary Institution "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 (ROSOMED), Member of the ROSOMED Programme Committee, Instructor of the European Resuscitation Council (ERC)



National academic expert

ALMAGUL AMANGELDINOVNA
KAUYSHEVA,
Candidate of Medical Sciences,
Vice-rector for educational and scientific activities of the Kazakhstan Medical University "HSPH",
Accredited independent expert in assessing the quality of medical services, Deputy Chairperson of the Board RPO "Kazakhstan Alliance of Medical Organizations".



National academic expert
SHUKIRBEKOVA ALMA
BORANBEKOVNA,
Doctor of Pharmaceutical Sciences, Professor,
Dean of the Faculty of Pharmacy
NJSC "Astana Medical University"



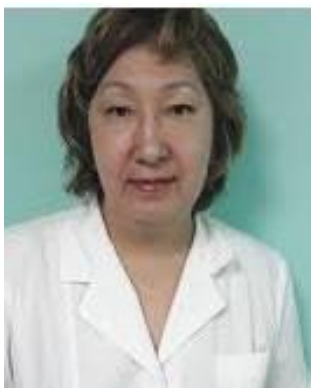
National academic expert (online)
ISENOVA SAULE SHAIKENOVNA,
Doctor of Medical Sciences,
Professor of the Department of Obstetrics and
Gynecology
NJSC " Asfendiyarov KazNMU"



National academic expert
ESENKULOVA SAULE ASKEROVNA,
Doctor of Medical Sciences, Associate
Professor of the Department of Oncology
NJSC " Asfendiyarov KazNMU "
Member of the Association of Oncologists of
the Republic of Kazakhstan



National academic expert
KUDABAEVA KHATIMIA ILYASOVNA,
Candidate of Medical Sciences, Professor
Department of Internal Medicine №1
NJSC "West Kazakhstan Medical University
named after Marat Ospanov "



National academic expert
KENZHEGULOVA RAUSHAN
BAZARGALIEVNA,
Candidate of Medical Sciences,
neurology residency instructor of
Corporate Fund "University Medical Center"



National academic expert
RINAT MUZAFAROV,
Head of the Department of International
Cooperation and Public Relations of the
Republican State Enterprise "Republican
scientific and practical center of psychiatry,
psychotherapy and narcology " of MoH RK



National academic expert
SADIEVA ZHANAR ZAMANKHANOVNA,
anesthesiologist-resuscitator,
Head of Postgraduate Education Department of
JSC "South Kazakhstan Medical Academy"



National academic expert
RAKHMANTOV ELTAI UTEMURATOVICH,
PhD
Deputy Director of Master's Degree in
Sports Medicine and Rehabilitation of
Nazarbayev University School of Medicine



National academic expert

RAMAZANOVA MANSHUK ANEROVNA,
Senior Lecturer of the Department public
health and Health care of
NJSC "Asfendiyarov KazNMU"



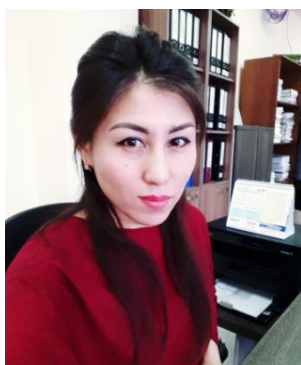
Expert - employers' representative

SARSENBINA LYAZZAT KYRYKBAEVNA,
Candidate of Medical Sciences,
highest qualification category
in the specialty: "Public health",
Chief physician of the MSOPE "CPMSP No.
12, Semey



Expert - representative of undergraduates

MAZANBEKOVA MERUERT
YERZHANOVNA,
2nd year undergraduate student in the specialty
"Pedagogy and Psychology" of the Kazakh
Humanitarian - Legal Innovative University in
Semey.



ECAQA Observer

UMAROVA MAKPAL ALDIBEKOVNA,
Head of Accreditation and Monitoring
Department
Of "Eurasian Center for Accreditation and
Quality Assurance in Higher Education and
Health Care"

tel .: +7 747 5609212, e-mail: info@ecaqa.org

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

The EEC report contains an assessment of the educational programme of residency in the specialty "Forensic-medical examination" NJSC "SMU" for compliance with the Accreditation Standards programmes of postgraduate education (specialty residency) of medical educational institutions of ECAQA, recommendations of the EEC on further improvement of educational activities of NJSC "SMU" in the field of postgraduate education.

2. General part of the final report of the EEC

2.1 Presentation NJSC "SMU" and an educational residency programme in the specialty "Forensic-medical examination".

Study Programme Self-Assessment Report 7R09134 "Forensic medical examination" of the Non-Commercial Joint Stock Company "Semey Medical University" (hereinafter NJSC "SMU") is presented on 99 pages and contains 36 annexes according to the relevant standards. The list of members of the working group on self-assessment and preparation for accreditation of the educational programme 7R09134 "Forensic medical examination" with an indication of the responsibility of each member of the internal commission is attached to the report on the institutional self-assessment; there is information about the person responsible for the self-assessment for compliance with the Accreditation Standards of ECAQA educational programmes.

The content of the Self-Assessment Report is structured in accordance with the ECAQA Accreditation Standards (Mission and Outcomes, Education Programme, Resident Assessment, Residents, Educators, Educational Resources, Curriculum Assessment, Management and Administration, Continuous Improvement) and includes a description of strengths, areas for improvement for each standard.

2.2 Information on previous accreditation

In May 2016, the department successfully passed the specialized accreditation of the residency specialty 6R114700 "Forensic medical examination" for a period of 5 years.

Post-accreditation monitoring was successfully completed in December 2020.

2.3 Analysis of the self-assessment report of the residency educational programme in the specialty "Forensic medical examination" NJSC "SMU".

The license for the specialty "Forensic medical examination" was obtained in 2013. Residency training in the specialty "Forensic medical examination" at the Department of Pathological Anatomy and Forensic Medicine named after Professor Pruglo Yu.V. started in the 2014-2015 academic year. The residency in forensic medicine is a two-year residency. The first set was accepted under the state grant of the Ministry of Health of the Republic of Kazakhstan 9 residents who studied in Russian.

Over the entire period of existence of the residency in the specialty "Forensic medical examination", 25 forensic experts have been trained, who successfully work in various regions of the Republic of Kazakhstan - Semey, Ust-Kamenogorsk, Pavlodar, Karaganda, Kostanay, Taldykurgan, Kyzylorda. Many of them are currently experts of the first qualification category, heads of departments, leading experts in the region. Employers highly appreciated and noted their good theoretical and practical training. The Ministry of Justice of the Republic of Kazakhstan, during the certification of forensic medical experts, notes the high training of doctors of forensic medical experts by the Department of Pathological Anatomy and Forensic Medicine named after Professor Yu.V. Pruglo.

Every year, the teachers of the department conduct various thematic seminars, master classes, visiting professors, etc. So, in the 2016-17 academic year, professor, forensic scientist Ikematsu (Nagasaki, Japan) held a master class for forensic doctors, residents and teachers on forensic medical service in Japan. Head of the Department, Doctor of Medical Sciences Shabdarbaeva D.M. held master classes for forensic experts and residents on child mortality, specifics of determining the duration of hemorrhages, forensic medical assessment of various mechanical injuries, etc.

Shabdarbaeva D.M. translated into the Kazakh language the textbook "Forensic Medicine" with the signing of the author's consent through the publishing house "Geotar". An electronic atlas on forensic histology was created, approved by the US CSE of the Ministry of Justice of the Republic of Kazakhstan dated 12/15/2018. protocol No. 12. Astana. To study topics on sudden death, a teaching and visual aid "Pathological Anatomy" was created (approved by the EMC of the State Medical University, Semey, 2016, Protocol No. 7).

The mission of the medical education organization and educational programme are posted on the website of the NJSC "SMU". Link to the Mission of the University: <https://semeymedicaluniversity.kz/o-nas/...> Link to the Mission of the educational programme in the specialty 7R09134 "Forensic medical examination": <https://semeymedicaluniversity.kz/obuchenie/obrazovatelnye-programmy/>

The organizational structure and management structure of the educational organization on the university website, link: <https://semeymedicaluniversity.kz/o-nas/struktura/...>

Conclusion on each of the 9 accreditation standards includes a description of the strengths and areas for improvement identified in the course of introspection and development prospects for the specialty.

Thus, the self-assessment report of the accredited educational residency programme of NJSC "SMU" contains objective, detailed, structured information on all types of activities in accordance with the ECAQA accreditation standards, and the university made the appropriate corrections in the report at the expert commission stage.

3. Description of external expert commission

External expert work on the evaluation of the educational programme residency in the specialty "Forensic medical examination" was organized in accordance with the Guidelines for the external assessment of educational organizations and educational programmes of ECAQA (approved by the order of the Director general of the NU "Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care" No. 5 dated 17.02.2017. and according to the programme and schedule approved on January 18, 2021 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the rector of NJSC "SMU".

To obtain objective information on the expert assessment of the accredited educational programme, the EEC members used the following methods: interviews with management and administrative staff, interviews with residents, observation, study of the website, interviewing employees of various structural units, teachers, questioning teachers and residents, review of resources in the context of the implementation of accreditation standards, the study of regulatory and educational-methodological documents both before the visit to the university and during the visit.

On the part of the team NJSC "SMU" the presence of all persons indicated in the visit programme and according to the lists of interview sites was ensured (Table 1).

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

No.	Full name	Position
1	Zhunosov E.T.	Chairperson of the Board - Rector
2	Zhanaspaev M.A.	Deputy Chairperson of the Board for Academic Affairs
3	Aidosov N.S.	Deputy Chairperson of the Board for Strategic Development and International Cooperation
4	Turarova E.M.	Chief Specialist of Graduate Employment Department and MF
5	Manatova A.M.	Dean of the School of Graduate Education
6	Tanysheva G.T.	Head of the Department of Obstetrics and Gynecology, including children

7	Aimagambetova A.O.	Head of the Department of Cardiology and Interventional Arrhythmology
8	Abilmazhinova G. D.	Head of the Department of Internal Diseases of the Pavlodar branch, Ph.D.
9	Apbasova S.A.	Assistant at the Department of Pathological Anatomy and Forensic Medicine named after V.I. Doctor of Medical Sciences, Yu.V. Pruglo
10	Temirgaliev M.B.	Assistant at the Department of Anesthesiology, Reanimatology and Narcology
11	Ospanova N.N.	Associate Professor at the Department of Psychiatry
12	Khaibullin T.N.	Professor of the department Bikbaev R.M.
13	Kirillova E.V.	Assistants of the Department of Neurology, Ophthalmology, ENT
14	Nurgalieva D.T.	Assistant at the Department of Hospital Therapy
15	Beketova B.B.	Assistant of the Department of Clinical and Radiation Oncology
16	Bulegenov T.A.	Deputy Chairperson of the Board for Scientific and Clinical Work
17	Krykpaeva S.S.	Director of the Department of Science
18	Kyrykbaeva A.S.	Chief specialist of NIO
19	A.A. Barsukov	Deputy Chairperson of the Board for Organizational and Economic Work
20	Enikeeva D.B.	Director of the Department of Administrative and Personnel Support
21	E.A. Kadirova	Chief Specialist of the Human Resources and Legal Department
22	Balashkevich N.A.	Acting Head of the Department of Medical Education
23	Kadirsizova G.S.	Library manager
24	Socioner D.	Engineer technician PR department
25	Tlemisov A.S.	Chairperson of the CEP of residency, responsible for the specialty of residency "Traumatology and orthopedics, including children", head of the department of orthopedic surgery
26	Zhunosova A.B.	Director of the Department of Academic Work
27	D.K. Kozhakhmetova	Chief Specialist of the Academic Department
28	A.A. Nugerbekova	Chief Specialist of the Youth Policy Department
29	Duysekenova A.A.	Director of the Department of Youth Policy and External Relations
30	Rakhimova A.R.	Director of the Department of Strategy and QMS

The sequence of the visit during May 18-20, 2021 is detailed in the Visit Programme, which is located in the documentation of the accreditation center and in the Attachment to this report.

Interviews were held with teachers (in three groups), residents, employers (representatives of practical health care) and with graduates. Experience and authority of NJSC "SMU" in clinical and educational activities shows the demand for graduates and educational programmes by medical organizations in all regions of Kazakhstan.

In order to validate the performance of the self-assessment report data and obtain evidence of programme quality, 44 residents were interviewed on a zoom platform. Questions were asked about satisfaction with training in NJSC "SMU" sufficiency of time for supervision of patients, work in Damumed with medical documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents in need of this, availability of international databases of professional literature as a resource. In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, since they believe that NJSC SMU has good educational resources, image and international connections, at the same time, residents would like more independence in managing patients, holding international events ...

Residents showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgments on the organization of training, assessment of their skills, advisory support, opportunities to participate in research and development, funding. As part of the audit, the documents of residents were examined (portfolio, results of assessment of residents-checklists, results of a questionnaire survey of residents).

Interviews with employers on all educational programmes of residency of NJSC "SMU" declared for accreditation were conducted online and included such questions as: knowledge of the NJSC "SMU" mission, participation in the development of the mission and proposals for the strategic plan, participation in the work of the advisory bodies of NJSC "SMU", satisfaction with the basic knowledge and skills of residents, participation in training residents through mentoring, providing the department and residents with the necessary resources for practical training and the formation of clinical thinking, about the problems of interaction with departments and NJSC "SMU" in general, employment of residency graduates.

The review of resources showed that the clinical base of NJSC "SMU", available for review at the time of the external visit, corresponds to the goals and objectives of the corresponding educational programmes in the specialties - anesthesiology and resuscitation, forensic medical examination, neurology, etc., since it has a sufficient number of thematic patients, modern equipment and demonstrates accessibility to residents, and employees who simultaneously fulfill the roles of teachers and mentors (mentors) provide quality training in an ethical and deontological manner. Before starting the corresponding 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.

IN NJSC "SMU" training of resident trainees is carried out on the basis of 9 accredited medical centers located in Semey, Ust-Kamenogorsk, Pavlodar...

Much attention is paid to the working conditions of employees. For this purpose, certification of workplaces for working conditions is carried out. Based on the results obtained, measures are planned and implemented to improve the working conditions of employees and residents of NJSC "SMU". Teachers and residents use new information and communication technologies. Each employee has access to the corporate portal "KEYPS"... Resident trainees of NJSC "SMU" have access to the corporate portal "KEYPS", which can be entered both from personal mobile phones and through stationary computers in a computer class or in a library.

Documentation has been reviewed on the educational programme "Forensic-medical examination", which confirmed the compliance with accreditation standards, including documentation of faculty and resident tutors.

Then a meeting of the EEC members took place following the results of the external evaluation. A final discussion of the results of external assessment, study of documents, results of interviews, interviews, questionnaires was held. The members of the EEC started to design the final report of the EEC.

A meeting of the EEC members was held. EEC members made generalizations of the results of the external evaluation. The experts individually completed the "Quality profile and criteria for external assessment of the residency educational programme in the specialty "Forensic medical examination" for compliance with the ECAQA Accreditation Standards". No comments were made by the EEC members. Recommendations for improving the postgraduate education sector in general and the

department implementing the accredited educational programme were discussed. A draft report with recommendations was prepared.

The Chairperson of the EEC Kuzgibekova Adma Bolatovna held a final open vote on the recommendations for NJSC "SMU" and a final vote on recommendations for the ECAQA Accreditation Council. Then the chairperson of the EEC for the management and employees of the educational organization announced recommendations based on the results of an external assessment as part of the accreditation of educational programmes for residency specialties.

Results of the survey.

The ECAQA observer conducted an online survey of residents and teachers of the accredited educational programme from May 18 to May 12, 2021 NJSC "SMU" on the resource <https://webanketa.com/>...

Results of the survey of bachelor's, master's, residents' and alumni students:

The total number of responding residents - 158...

Of the total number of respondents, residents prevailed - 79%, further down the list: bachelor students - 9.5%, residents - 7.5%, graduates - 4%.

Will recommend this university as an educational organization - 86% fully agree, partially - 11%. 90% of those surveyed fully agree and 8.5% partially agree that programme managers and teaching staff are aware of their learning problems. Fully (88.5%) and partially (10%) are satisfied with the conditions and equipment of classrooms and classrooms of the university. According to 87% (in full) and 11.5% (in part) office equipment is available for residents at practice bases. Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes - 92% fully agree, partially - 6%. Fully (90.5%) and partially (9%) are satisfied with the library fund and resources. 97% of respondents have access to electronic educational resources, and 3% believe that it is partially.

The organization of clinical training for residents, according to 84.5%, fully satisfies them, and 12.5% partially. There is enough time for practical training (supervision of patients, etc.) - 93.5% fully agree, and 5.5% partially. Satisfied with the methods of assessing my knowledge and skills - 94.5% fully agree, 3.5% partially. In the opinion of 88.5% of teachers in the classroom, they use active and interactive teaching methods regularly, and in the opinion of 9.5% - rarely.

In the opinion of 92% of the respondents, teachers constantly provide feedback after the end of classes, but in the opinion of 5% - sometimes and 0.5% - rarely. 94% are completely satisfied that they are studying at the university, partially 4.5%, disappointed - 1% of the respondents. The university allows you to improve or acquire the necessary knowledge and skills in the chosen specialty of residency, 97.5% are confident, 2.5% would like to believe it. Fully (94.5%) and partially (5.5%) are satisfied with the organization of teaching at NJSC SMU.

According to 87% of respondents, accreditation is a necessary mechanism to improve educational programmes, but 8.5% believe that it is not necessary to carry out and 4% doubt the answer. The work of the EEC was assessed as positive - 97.5%, satisfactory - 0.5%, i.e. majority.

Results of the survey of teachers of residency programmes:

The total number of teachers on the list is 00. The total number of respondents is 67, including those with up to 5 years of experience - 20.9%, up to 10 years - 14.93%, over 10 years - 64.18%. Among the respondents, teachers of Pharmacy (bachelor's degree) - 23.88%, Master's degree in Medicine - 20.9%; Master's Degree in Health Care Management - 7.46%; Masters in other directions - 8.96%; Residencies - 38.81%.

82.09% are fully satisfied with the organization of the educational process, 16.42% are partially satisfied. At the university, ethics and subordination are observed in full agreement 94.03%, in part - 5.97%. 89.55% of respondents are completely satisfied with the organization of work and workplace, partially 8.96%. In the organization there is an opportunity for career growth and development of competence for teachers - 83.58% fully agree, partially - 14.93%.

In this educational organization, teachers have the opportunity to engage in scientific work and publish the results of research work - 77.61% fully agree, partially 14.93%. 68.66% of respondents are fully satisfied with the work of the personnel department, 28.36% are partially satisfied. Most of the respondents underwent advanced training during this year. Only 91.04% fully agree that they can realize themselves as professionals, and 8.96% - partially. Unfortunately, 17.91% did not answer the question of whether the university supports the teacher in participating in international and national events, and 16.42% did not contact the management or the relevant administrative staff of the university with this. The majority of respondents (85.07%) completely agree, and 13.43% partially agree that the discipline that is taught is provided with sufficient resources (audience, equipment). 59.7% do not know about the implementation of social programmes to support teachers and 1.49% of respondents doubt their existence. Management and administration systematically listen to the opinion of teachers - 62.69%, sometimes - 25.37% of respondents. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and residency educational programmes; 28.36% partially agree with this. 7% and 1.49% of respondents doubt their presence. Management and administration systematically listen to the opinion of teachers - 62.69%, sometimes - 25.37% of respondents. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and residency educational programmes; 28.36% partially agree with this. 7% and 1.49% of respondents doubt their presence. Management and administration systematically listen to the opinion of teachers - 62.69%, sometimes - 25.37% of respondents. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and residency educational programmes; 28.36% partially agree with this. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and residency educational programmes; 28.36% partially agree with this. When teaching students, a variety of teaching methods are used, but more often the analysis of situational tasks (88.06%), work in small groups (62.69%), oral questioning and analysis of the topic (64.18% and 71.64%, respectively), also problem-oriented learning (38.81%), test solving (71.64%), less often cases are compiled and solved (71.64%). 64.18% fully agree that this survey will be useful for developing recommendations for improving the university and residency educational programmes; 28.36% partially agree with this.

The results of the questionnaire are presented in the Attachment and, in general, demonstrate the effective management of educational programmes, the positive aspects of training on residency programmes, at the same time, identify areas for improvement (social support programmes for teachers, the availability of leadership and administration for teachers and residents, pedagogical competencies and professional development of teachers) ...

Conclusion on the basis of the external evaluation:

Within the framework of accreditation, the main indicators of the educational programme were studied and evaluated residency in the specialty "Forensic medical examination". The information obtained during the study of the self-assessment report, preparation of a written review with

recommendations for improvement, implementation of the activities of the visit programme of NJSC "SMU" from 18 to 20.05.2021 All the information received was compared with the data of the self-assessment report, the information was validated for each criterion of accreditation standards and the indicators of the Attachment to the self-assessment report were verified, which made it possible to make sure of the reliability of the information provided by NJSC "SMU" information and supporting documents for compliance with ECAQA Accreditation Standards.

Despite the fact that in the self-assessment report of the educational programme of NJSC "SMU" described his real educational practice in postgraduate education, before visiting the organization by accessing googledisk

https://drive.google.com/drive/folders/1FxOheU2F2_zbWaoYqbxjgmzvgM3rT8Oe?usp=sharing_eil&invite=CPCAy5 during an external expert commission, members of the EEC studied the main documents (mission, strategic plan until 2023, teaching materials of disciplines, syllabuses, control and measuring instruments, checklists, portfolio of residents, individual plans of residents for the 2019-2020 academic year, publications of teachers, rules for admission to residency, personnel policy, internal programme quality assurance systems, resources for training were viewed directly at the clinical bases of departments (classrooms, office equipment available for residents to work with literature, patient documentation, educational and methodological literature), which made it possible to identify the compliance of the educational organization with basic accreditation standards.

When conducting an external examination, the Rules for the training of medical personnel in residency were taken into account (order of the Minister of Health of the Republic of Kazakhstan dated September 18, 2018 No. KP DSM-16), paragraph 13. It was established that the clinical bases of the educational programme residency in the specialty "Forensic medical examination" there are 2 clinical bases, of which 1 were visited. The volume of the study load and treatment and prophylactic work by specialties is determined by the individual work plan of the student of residency for one year and is monitored by monthly reports of the resident in any form. The accounting of completed tasks is drawn up in the form of a portfolio according to the recommendations in the syllabus.

In connection with the new edition of order No. 647 On the approval of state compulsory 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 02.21.No. KR DSM-12/2020 Chapter 2. Requirements for the content of residency educational programmes with a focus on learning outcomes), there have been changes and additions in the educational programme in relation to the development of the research competence of residents, which must participate in the work of the research team.

In this regard, the experts assessed the involvement of residents in research. There is no general provision or requirements for the implementation of scientific work at the university, at the same time, the departments conduct proactive research, in which residents participate through writing reviews, collecting patient data, analyzing the literature and patient examination results, preparing reports and presentations at conferences). Also, in accordance with Article 222 of the Residency of Clause 4 of the Code of the Republic of Kazakhstan on People's Health and the Health care System of July 7, 2020 No. 360-VI ZRK, external experts studied the activities and conducted conversations with mentors of residents, and it was established that each resident was provided with a mentor.

All educational, methodological, personnel and resource bases were assessed for compliance with accreditation standards. Through interviews with teachers and interviews with students, it was possible to determine their direct participation in the development and evaluation of educational programmes, decision-making on a number of key issues in the choice of clinical sites, topics of electives, participation in the appeal commissions for the admission and assessment of residents, the development of the content of individual plans of residents and the selection of mentors.

At the same time, this substantiated the need for inclusion in post-accreditation monitoring along with the implementation of the EEC recommendations, an analysis of the implementation of the criteria of Standard 9, an annual report on the contingent of residents.

Recommendations for improving activities in the field of implementation of the educational residency programme in the specialty "Forensic-medical examination" for compliance with the

Accreditation Standards, developed by the EEC based on the results of the expert assessment, were presented at a meeting with the management on 05/20/2021.

The programme of the 3-day visit (May 18-20, 2021) of the external expert assessment of the EEC was completed in full. On the part of the team NJSC "SMU" participation of all persons specified in the programme is ensured.

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

For the work of the EEC, comfortable conditions were created, access to all necessary information and material resources of the accredited educational programme was organized. Experts note the high level of corporate culture and discipline of employees responsible for postgraduate education NJSC "SMU", department, employees of clinical bases, a high degree of openness of the team in providing information to members of the EEC.

3. Analysis for compliance with accreditation standards based on the results of an external assessment of the residency educational programme in the specialty "Forensic medical examination" and an overview of the strengths for each standard.

Standard 1: MISSION AND END OUTCOMES

The mission of the educational programme in the specialty of residency 7R09134 "Forensic medical examination" of the Non-profit Joint Stock Company "Semey Medical University" (NJSC "ICU") is "High-quality training of qualified, competitive forensic medical experts, by integrating the world forensic medical practice of education, science and clinics".

An analysis of the needs of the practical forensic medical service, justice authorities, law enforcement and judicial authorities, as well as other interested parties, showed that the training of specialists in the field of forensic medical examination requires appropriate qualifications, quality, and the ability to work in a competitive environment.

The educational programme for residency 7R09134 "Forensic Science" contains theoretical and practical components that enhance the clinical training of the resident

Department of Pathological Anatomy and Forensic Medicine named after Professor Pruglo Yu.V. is located at its clinical base of the branch of the CSE of the Ministry of Justice of the Republic of Kazakhstan of the Institute of Forensic Examination in the city of Semey. The clinical base is located in a three-storey building on Sechenov Street 3. One of the important departments is the general expert department, where forensic medical examinations of corpses and examination of living persons are carried out, as well as work on medical documents. The number of these examinations on average per year is 1200-1300 corpses, and the number of examinations of living persons and medical documents is 2190-2300. A large number of examinations allows residents to work directly with objects and get good clinical skills, develop forensic thinking.

Residency training takes place with the obligatory introduction of innovative technologies into the learning process. The department has an interactive classroom, with an interactive whiteboard, working online. Residents can conduct both training and knowledge control in an interactive classroom. Good programmes in 3D format allow residents to independently learn the processes of macroscopic and microscopic changes in various pathologies. This interactive classroom is the only one among medical universities. In addition to the interactive classroom, such technologies CBL, TBL, PBL, RBL, in the form of mini-lectures, clinical discussions, symposia, conferences, CbD, and advisory support have long been used in the learning process of residents.

The department works on several scientific projects "Unprecedented multicenter experimental study of the effect of ionizing radiation on a living organism using a nuclear reactor" and "Remote effects of internal irradiation at various levels of the body: a multicenter experimental study using a nuclear reactor", where residents take an active part.

Residents participated in various conferences ("Analysis of mortality from cancer according to the data of the Semey branch of the RSE "CSE MJ RK" for the period 2016-2018 "," Analysis of the commission of forensic medical examinations for 2016-2018 of the Semey branch of the RSE "CSE MJ RK" on medical cases "Republican scientific and practical conference with international participation "Modern trends in the development of clinical and radiation oncology. multidisciplinary approaches", NJSC SMU. 2019.).

In accordance with the Law on Education, the Code on Health and the Health care System of the Republic of Kazakhstan, NJSC "SMU" has autonomy in matters of decision-making in such key areas as the development of an educational programme, assessment, selection and admission of residents, selection / selection of teachers, employment conditions and distribution resources. The university has developed regulations and instructions for regulating the above processes <https://semeymedicaluniversity.kz/prepodavatelyam/normativno-pravovye-akty/> , [https://semeymedicaluniversity.kz/prepodavatelyam/vnutrennie-normativno-pravovye-akty/...](https://semeymedicaluniversity.kz/prepodavatelyam/vnutrennie-normativno-pravovye-akty/)

The residency in forensic medicine is taught by teachers who have academic degrees and titles (Doctor of Medical Sciences, Ph.D.), the highest qualification categories in the specialty of forensic medical examination. Teachers have a Hirsch index - 4. Citation index in Web of science - 20.

NJSC "SMU" defines the mission and final results in the specialty of residency 7R09134 "Forensic medical examination" in cooperation with representatives of practical forensic medicine (forensic experts, heads of departments, directors), with other universities (department of forensic medicine at NJSC "MUK"), residents, representatives of law enforcement and judicial authorities. Collaboration is expressed in written communications, roundtable discussions, during a pandemic at ZOOM. It is actively discussed at extended sessions of the department with representatives of practical forensic medicine

Strengths:

1. Clear vision and strategic planning, effective management structure of NJSC SMU;
2. Use in the educational process of the automated information platform "KEYPS" in order to ensure the quality of the educational process and other digital technologies;
3. Improving the competence of teaching staff on teaching methodology, assessing the knowledge of students, on an ongoing regular basis;
4. Copyright information programmes developed by the university: Orion, Talent pool "Nadezhda", "Catalog of scientific projects", "Register of debtors", etc.

Standard 1: completed

Conclusions of the EEC on the criteria. Out of 17 standards conform: completely - 14, significantly - 3, partially - 0, do not correspond - 0.

Standard 2: EDUCATIONAL PROGRAMMES

Training of residents in the specialty 7R09134 "Forensic medical examination" is carried out in accordance with the name of the programme and specialty in accordance with the State Educational Standard of the Republic of Kazakhstan dated 02.21.2020. The content of the residency programme 7R09134 "Forensic medical examination" fully complies with the requirements of the State Educational Standard of the Republic of Kazakhstan dated 02.21.2020. The typical curriculum for the specialty "Forensic medical examination" provides for 2-year residency training, with a total volume of 4200 hours (140 credits) and obtaining a qualification - a medical forensic expert, which also meets the requirements of the State Educational Standard of the Ministry of Health of the Republic of Kazakhstan No. 647 dated 21.02 .2020 The programme is included in the register of the Ministry of Education and Science (MES RK), has passed an external independent examination.

The main type of work of residents in the specialty 7R09134 "Forensic medical examination" is focused on practice-oriented training (90%). Practice-oriented training in residency includes both independent work of a resident and independent work of a resident under the guidance of a clinical mentor. The practical part of the resident's work takes place entirely in the branch of the CSE MJ RK Institute of Forensic Expertise in the city of Semey.

All practical skills that a resident must master are reflected in the educational programme and in the individual plan of the resident. The educational programme is posted on the official website of NJSC "SMU" (<https://semeymedicaluniversity.kz/obuchenie/obrazovatelnye-programmy/>), which determines the transparency and accessibility, both for the medical community and representatives of law enforcement and judicial authorities, justice bodies, with which the forensic expert has to work directly.

Academic integrity is applied throughout the residency. All learning outcomes are recorded on electronic platforms. Previously at Sirius and Platonus, now at KEYPS. For each topic, blueprints and control and measuring instruments (KIS) have been developed. The resident can at any time be familiar with the issues of the lesson, which will be dealt with during the seminar or other teaching methods. The theoretical part of the summative and formative assessment takes place in KEYPS, the results that the resident sees personally. The practical part of formative and summative assessment takes place in the form of practical skills according to checklists, where points are described step by step. Practical skills are assessed directly in front of the resident with obligatory formative feedback.

Due to the changing conditions and needs of the Health care and justice system, the forensic medicine education programme has undergone several adjustments in recent years. The adjustments concerned both the list of disciplines and the number of credits, approaches to monitoring the assessment of residents, the need, to a greater extent, in hours of independent work of a resident. Clinical mentoring, independent examination, etc. were accepted.

Employees of the Department of Pathological Anatomy and Forensic Medicine named after Pruglo Yu.I. NJSC "SMU", departments of forensic medicine at NJSC "MUA" (Nur-Sultan), representatives of practical forensic medicine (forensic doctors, heads of departments, directors of the city of Semey, Ust-Kamenogorsk, Kostanay, etc.).

Strengths:

1. The EP has a pronounced practice-oriented approach that ensures the personal participation of residents in the provision of medical care and the formation of responsibility when working with patients;
2. To implement the EP, electronic resources are used, such as an automated information system, electronic catalogs, and an electronic library. Residents have access to international databases in the field of fundamental and applied medicine - Cochrane, Scopus, Rubmed, RINC, UptoDate, Medline, [Academic Journals](#) etc

Conclusions of the EEC on the criteria. Out of 31 standards conform: fully - 25, significantly - 6, partially - 0, do not correspond - 0.

Standard 2: completed

Standard 3: ASSESSMENT OF STUDENTS

In NJSC "SMU" for all specialties of residency there is a unified policy for assessing residents. In residency in the specialty 7R09134 "Forensic examination", this assessment policy has been implemented, which is reflected in the educational programme and syllabuses of disciplines. Currently, the policy of evaluating residents is reflected in the electronic format Platonus and KEYPS. Until 2019, it was reflected in the Sirius system. In addition, the assessment policy is announced in the Residency Regulations, and is also posted on the official website of the university <https://semeymedicaluniversity.kz/obuchenie/politika-disciplin/...>

Residents are assessed according to the principles of openness, objectivity and legality. All types of assessments are currently being entered into the KEYPS electronic system, which is accessible and open to any resident. Practical skills are assessed using checklists, which are also located in KEYPS. In earlier years, assessments took place in Sirius, which were also available to residents.

Semey Medical University uses an assessment format that includes validity, reliability and impact on learning. Residents take the testing on the KEYPS electronic platform. At least 20 test questions of the MCQ, MSQ format are submitted to the formative testing stage. At the stage of summative testing, at least 30 questions of the MCQ, MSQ format are submitted. Formative and summative practical assessment is taken at the department by checklists. All tests are subject to

mandatory expert commission, after formative and summative assessment - in the KEYPS programme they are tested for validity and reliability. This type of verification applies to testing each resident. It is imperative to check the compliance of the tests with the KEYPS blueprints. If any inconsistencies are identified, analysis and improvement measures are necessarily carried out.

The appeal of the results of the assessment of residents is carried out in accordance with the Academic Policy of the NJSC "SMU" and the "Regulations on residency", in which the principles of fairness and compliance with legal requirements are observed.

To assess residents for practical skills (autopsy, examination of a living person, etc.) in the specialty "Forensic medical examination", external examiners are constantly involved from among representatives of the practical forensic medical service who have the highest qualification category and who were not clinical mentors in the process training of residents.

In previous years - the assessment was carried out daily and entered in the paper journal, then there were changes in the assessment - the assessment for residents began to be put at the end of a certain block in the electronic journal in the Sirius programme, in 2019-2020 in Platonus.

Strengths:

1. Assessment of educational achievements of students is carried out using criteria, regulations and procedures developed in accordance with the goals and objectives for the implementation of the educational programme;

2. Skills assessment is carried out using summative assessment forms.

Conclusions of the EEC on the criteria. Conform out of 11 standards: completely - 7, significantly - 4, partially - 0, do not correspond - 0.

Standard 3: completed

Standard 4: STUDENTS

Admission to residency in the specialty 7R09134 "Forensic medical examination" is carried out in accordance with the state order allocated by the Ministry of Health of the Republic of Kazakhstan (hereinafter - the Ministry of Health of the Republic of Kazakhstan) for training medical personnel in residency at the expense of the republican or local budget of the regions. Annually, on average, from 3 to 6 residents are trained in the specialty "Forensic medical examination". This number of residents are quite freely and comfortably located at their clinical base, having all the conditions for mastering practical skills and acquiring theoretical knowledge.

Entrance exams to residency in the specialty 7R09134 "Forensic medical examination" are mandatory with the involvement of independent examiners with practical forensic medicine, as well as with the participation of observers. All examination questions are placed in advance on the site of NJSC "SMU", applicants are familiar with the conditions for submitting documents and with the conditions for conducting exams.

All entrance exams to residency (offline and online) were broadcast live on the social network Facebook. Each ticket consisted of three questions (the 1st question is an assessment of the applicant's general knowledge, the 2nd is a private question, the 3rd is a case / clinical case, which is assessed by an algorithm from a checklist of at least 3 steps (diagnosis, methods of forensic medical research, determination of the prescription of death or injury.) For the first question - 30 points, the second - 30 points and the third question - 40 points. this or that assessment, to which the applicant did not answer, etc.

The number of residents for the specialty 7R09134 "Forensic medical examination" is determined by the number of places for grant training from the Ministry of Health of the Republic of Kazakhstan.

In connection with the specifics of residency in the specialty 7R09134 "Forensic medical examination", the following points are taken into account: all autopsies are carried out in the morning hours - 10.00-13.00, examinations are also carried out during these hours. Therefore, the practical work of the resident is focused on these hours. After lunch, residents are already engaged in the preparation of forensic medical reports, or conduct classes in a bachelor's degree programme "Learning by Learning", or are engaged in other forensic medical research in laboratories. Residents are on duty with

clinical mentors or other experienced forensic experts. The duty schedule is planned and available in the individual resident's plan.

Strengths:

1. For students (residents), conditions are provided for the successful development of EP - an internal microclimate, social guarantees, mentoring, appropriate training resources and support services for residents;
2. Involvement of students in the work of consultative and advisory bodies to participate in decision-making regarding the educational programme;
3. Involvement of residents in the research, clinical and methodological work of the department.

Conclusions of the EEC on the criteria. Out of 30 standards conform: fully - 22, significantly - 8, partially - 0, do not correspond - 0

Standard 4: completed

Standard 5: ACADEMIC STAFF / FACULTY

The NJSC "Semey Medical University" has developed a personnel policy, approved on 03/10/2018, updated Regulations on the personnel policy of NJSC "SMU" dated 09/30/2019).

The HR policy includes requirements for the recruitment of clinical mentors. Clinics According to the personnel policy, recruitment at NJSC "SMU" is carried out through competitive selection. All information about the upcoming competition for filling vacancies is posted on the university website (<https://semeymedicaluniversity.kz/>) and through the media, electronic exchange <https://www.enbek.kz/>. The meeting of the competition committee is held annually in August before the start of the educational process. For the sake of transparency in the selection process, the competition is broadcasted online on Facebook. Competitive selection of candidates for the positions of scientific and pedagogical personnel is carried out on the basis of analytical generalization of the results of the applicants' activities in the form of a questionnaire, expert assessment, testing, interviews, creative reports, protection of copyright developments. By the decision of the competition committee, an employment contract is concluded with the elected persons for the positions of the scientific and pedagogical staff of NJSC "SMU".

On the specialty 7R09134 "Forensic medical examination" classroom classes are conducted by the doctor of medical sciences, medical forensic expert of the highest category Shabdarbaeva DM, candidate of medical sciences, medical forensic expert of the highest category Sayakenov N.B. and candidate of medical sciences, medical forensic expert of the highest category Apbasova S.A. Clinical mentors - G.O. Adilkhanov. and Zakirov S.A. - Doctors forensic experts with the highest qualification category and who have a certificate of clinical mentor.

Dr. med. Shabdarbaeva D.M. and Ph.D. Apbasova S.A. are engaged in scientific research. Hirsch index - 4. Citation index in Web of Science and Scopus - 20. Authors of 9 scientific articles from Web of Science and Scopus databases in Q1, Q2, Q3 quartiles and more than 50 percentiles. Authors of scientific patents and inventions.

Shabdarbaeva D.M. completed a clinical internship at the Sharite clinic (Berlin, Germany), an internship at the Department of Forensic Medicine at Bashkent University (Ankara, Turkey).

The work of the teacher during the day is planned in such a way that he can fulfill the teaching load, clinical load and there is time for scientific research. Scientific research is facilitated by the fact that the Department of Pathological Anatomy and Forensic Medicine named after Professor Pruglo Yu.V. at its base it has a morphological department of the centralized research laboratory (CRL), where both the teacher and residents can conduct histological studies with the production of micrographs. In the process of performing the clinical load, the teacher, depending on his scientific direction, can collect clinical material for its further processing and use for scientific purposes.

Strengths:

1. Highly motivated staff;
2. Research work of teaching staff in relevant areas of forensic medicine expertise.

Conclusions of the EEC on the criteria. Out of 7 standards conform: completely - 4, significantly - 3, partially - 0, do not correspond - 0.

Standard 5: completed

Standard 6: EDUCATIONAL RESOURCES

The clinical base has modern equipment for sectional work, for histological, forensic biological, as well as for medico-forensic research. All departments are equipped with sufficient equipment and reagents for residents to master practical skills. The department is equipped with two interactive classrooms with an interactive whiteboard with Internet access for 48 seats for training and monitoring residents using new innovative technologies (3D-pathology - building a model of diseases based on macroscopic and microscopic changes in internal organs).

The department also has lecture halls with electronic feedback, a conference room with special equipment for broadcasting and teleconferencing. Thanks to teleconferences, residents have a great opportunity to participate in the exchange of views between forensic experts from other cities of the Republic of Kazakhstan, as well as with forensic experts from other countries (Russia, Japan). There are modern equipment for histological studies and microphotography. Sectional autopsy kits are available.

The department has a mini-library, where residents can study with literary sources during independent work. In addition, the presence of the Internet at the department and the clinical base makes it possible to work in many resources (Uptodate, Cochrane Library, pubmed, medline, etc.), which provides a great opportunity for the development of not only educational competence, but also research skills.

The presence of the morphological department of the Central Scientific Research Laboratory at the department gives residents a great opportunity to work directly on modern equipment in order to cut out cadaveric material, manufacture paraffin blocks, glass preparations and the ability to independently take micrographs of microscopic changes in pathological processes.

The presence of a museum of macropreparations at the department gives residents the opportunity to see and learn about macroscopic changes in internal organs in various diseases, as well as in various causes of violent death (burns, frostbite, gunshot injuries, blunt and acute injuries, mechanical asphyxia, etc.). This museum has been replenished with exhibits since 1957.

The forensic morgue for residents has a special dressing room, shower room, as well as a study room for the theoretical part of the lesson.

In the process of "Learning through Learning", residents teach 3-year students the discipline "Pathological Anatomy", and 5-year students - the discipline "Forensic Medicine". Together with the teachers of the department in terms of educational work, they conduct various activities for undergraduate students.

NJSC "SMU" motivates teachers to conduct research in the field of postgraduate education. Motivation has a material and intellectual basis. Material - consists in increasing wages, the opportunity to be a curator of residents, conducting training cycles, various internships, etc. Teachers have the opportunity to undergo clinical internships in Israel, Germany, Turkey, Russia, Japan, etc. Academic mobility of teachers at Bashkent University has been developed (Ankara, Turkey) as part of a strategic partnership.

Strengths:

1. Effective strategic partnership with Bashkent University in matters of quality assurance and further improvement of the EP;
2. Material and technical equipment of the base with expert class equipment
3. Support of educational programmes with appropriate IT technologies, library resources with access to international databases of professional literature;
4. International cooperation programme with foreign partners.

Conclusions of the EEC on the criteria. Out of 21 standards conform: fully - 20, significantly - 1, partially - 0, do not correspond - 0

Standard 6: completed

Standard 7: PROGRAMME EVALUATION

NJSC "SMU" is introducing a mechanism for multi-component assessment of the educational programme based on regular feedback from residents, representatives of the practical forensic service, oral discussion with colleagues from other universities (for example, NJSC "MUA"), ZOOM meetings with representatives of all interested parties. The department conducts an analysis of students' satisfaction with the quality of the educational process 2 times a year (based on the information provided by the SPE, QCDME), plans measure to improve. Reports on the execution of the plan are discussed at extended meetings of the department with the practical forensic medical service

The process of evaluating an educational programme concerns all aspects - from the mission to the sufficiency and quality of educational resources. The results of the EP assessment are discussed at the residency subcommittee of the Academic Committee, reported at a meeting of the Academic Council of the NJSC "SMU", and the department necessarily takes measures to improve.

An indirect assessment of the EP of residency 7R09134 "Forensic medical examination" can be considered the demand for graduates, the constant demand for specialists-graduates of the NJSC "SMU" on the part of the practical forensic medical service.

In assessing the EP, it is mandatory to monitor the progress of the residents themselves. One of these tools is the "Questionnaire 3600", which is conducted once every six months.

Taking into account the wishes of the stakeholders, the list and content of elective disciplines is determined. QED expert commission is organized by QCDME and is carried out by a group of competent teachers with the participation of representatives of the DAR, the Deputy Chairperson of the Board for AR On the initiative of QCDME, the forms of the Educational-Methodological Complex of Disciplines (EMCD) are periodically updated, taking into account the changes introduced to the EP. After discussion of the EP, a reviewer is appointed, after a positive decision of the reviewer, the EP is approved by the Subcommittee of the Residency AC and is introduced into the work.

In NJSC "SMU" as part of the Residency Subcommittee of the Academic Committee, there are representatives of practical health care who participate in monitoring the implementation and evaluation of the educational programme <https://semeymedicaluniversity.kz/obuchenie/akademicheskij-komit-et-ak/>. In addition, the Department of Pathological Anatomy and Forensic Medicine named after Professor Yu.V. Pruglo annually conducts a survey of stakeholders to assess the quality of the educational programme, attracts experienced forensic experts as independent examiners to assess the practical skills of residents.

Strengths:

1. A system for monitoring the quality of educational programmes through external review at the planning and approval stage, assessment by the educational and methodological council, feedback from participants in educational relations and indicators of the demand for programme graduates;
2. Actively applied feedback from students and teachers.

Conclusions of the EEC on the criteria. Out of 15 standards conform: fully - 11, significantly - 4, partially - 0, do not correspond - 0

Standard 7: completed

Standard 8: GOVERNANCE AND ADMINISTRATION

The implementation of the programme in the specialty "Forensic medical examination" is carried out in accordance with the requirements of the regulatory rules regarding the learning process, assessment of knowledge and skills, established learning outcomes, programme management. In this direction, the School of Postgraduate Education (SPE), the Subcommittee of the Academic Residency Committee, the Quality Control Department of Medical Education (QCDME), the Registrar's Office, the Academic Department, the Clinical Department, the Scientific Department and the Department of

Pathological Anatomy and Forensic Medicine named after Professor Pruglo Yu. ... The results of the work are reported by the dean of SPE at the Academic Council of NJSC "SMU".

NJSC "SMU" fully regulates the educational process in the residency "Forensic medical examination" through a number of structural divisions, whose work is based on transparency and awareness of stakeholders. On the official website of NJSC "SMU" there is all the necessary information about the work of the SPE, QCDME, the subcommittee of the AK residency, the registrar office, the educational department, the scientific department, the clinical department and the department of pathological anatomy and forensic medicine named after Professor Yu.V. Pruglo. [https://semeymedicaluniversity.kz/o-nas/struktura/...](https://semeymedicaluniversity.kz/o-nas/struktura/)

All key decisions are made through the Academic Council of NJSC "SMU", which are also published on the official website of the university.

General management of residency and general control of the implementation of residency programmes in the specialty "Forensic medical examination" is carried out by the Deputy Chairperson of the Board of NJSC "SMU" for scientific and clinical work. The structural unit responsible for the implementation and effectiveness of educational residency programmes is the School of Postgraduate Education. Key issues related to the organization and implementation of residency programmes are resolved at meetings of the subcommittee of the academic committee for residency programmes, which is a collegial body, which includes those responsible for the specialties of residency, as well as representatives of practical health care, residents. The direct management of the training of residents for a specific programme is carried out by those responsible for the specialty of residency, practical training of residents - clinical mentors. Responsible for the specialty of residency, together with the SPE and the AK subcommittee on residency, participates in the development of the curriculum of the residency programme, educational trajectories, determines the key competencies of the graduate of the residency, the final learning outcomes, etc.

The budget of the educational programme of residency in the specialty 7R09134 "Forensic examination" is regulated by the Department of Economics and Finance of NJSC "SMU", the Department of Accounting and Reporting, the Department of Planning and Economic Analysis. They are headed by the Deputy Board of the NJSC "SMU" for organizational and economic work.

Strengths:

1. Transparency of educational programme management;
2. Awareness of the participants in the educational process through the placement of information on the educational programme on the website of the NJSC "SMU";
3. Financial and economic activity of NJSC "SMU" is aimed at ensuring financial stability;
4. Ensuring the efficient use of financial resources.

Conclusions of the EEC on the criteria. Out of 15 standards conform: fully - 11, significantly - 4, partially - 0, do not correspond - 0

Standard 8: completed









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

5. Recommendations for improving the educational residency programme "Forensic-medical examination" NJSC "SMU":

Recommendations no. Accreditation standards are fully met.

6. Recommendation to the ECAQA Accreditation Council

The EEC members came to a unanimous opinion to recommend the Accreditation Council to accredit educational programme in the specialty "Forensic-medical examination" of NJSC "SMU" for a period of 5 years.

Chairperson		KUZGIBEKOVA ALMA BOLATOVNA
Foreign expert		RIPP EVGENY GERMANOVICH
Academic expert		ALMAGUL AMANGELDINOVNA KAUYSHEVA
Academic expert	Ha 	SHUKIRBEKOVA ALMA BORANBEKOVNA,
Academic expert	 	ISENOVA SAULE SHAIKENOVNA,
Academic expert		ESENKULOVA SAULE ASKEROVNA,
Academic expert		KUDABAEVA KHATIMIA ILYASOVNA
Academic expert		KENZHEGULOVA RAUSHAN BAZARGALIEVNA
Academic expert		RINAT MUZAFAROV,
Academic expert	 	SADIEVA ZHANAR ZAMANKHANOVNA
Academic expert		RAKHMANOV ELTAI UTEMURATOVICH, PhD
Academic expert		RAMAZANOVA MANSHUK ANEROVNA
Expert - employers' representative		SARSENBINA LYAZZAT KYRYKBAEVNA
Representative of undergraduates	 	MAZANBEKOVA MERUERT YERZHANOVNA
ECAQA Observer		UMAROVA MAKPAL ALDIBEKOVNA

Quality profile and external evaluation criteria (summary)
Of educational programme in the specialty
"Forensic-medical examination" of NJSC "SMU"

Standard	Criteria for evaluation Number of standards = BS * / SU	Grade			
		Totally coincides	Significantly corresponds	Partially compliant	Does not match
1	MISSION AND END OUTCOMES 17 = 10/7	9/5	1/2		
2.	EDUCATIONAL PROGRAMME 31 = 22/9	18/7	4/2		
3.	ASSESSMENT OF STUDENTS 11 = 7/4	4/3	3/1		
4.	STUDENTS 30 = 18/12	15/7	3/5		
5	ACADEMIC STAFF / FACULTY 7 = 5/2	3/1	2/1		
6.	EDUCATIONAL RESOURCES 21 = 10/11	10/10	0/1		
7.	PROGRAMME EVALUATION 15 = 10/5	8/3	2/2		
8	GOVERNANCE AND ADMINISTRATION 15 = 8/7	6/5	2/2		
9	CONTINUOUS RENEWAL 4 = 1/3	0/0	1/3		
	Total: 151 = 91/60	73/41	18/19		
		151			

* BS - the basic standard must be fulfilled by each medical educational organization, and the fulfillment must be demonstrated during an external assessment of the medical educational and scientific organization.

List of documents requested by EEC members within the framework of accreditation

No.	Title of the document	Quantity	Date of approval
1.	Questionnaire forms "Assessment 360 ⁰ " in the context of specialties	1	EMC Minutes No. 6 dated November 22, 2016
2.	Duty schedule	4	Monthly
3.	Job descriptions of the Foundation's health workers	3	Different periods for each provider
4.	Resident job description	1	10.10.2016 EMC protocol No. 5
5.	Job descriptions of employees	1	03.03.2020 year
6.	Catalog of elective disciplines	1	Minutes 10 dated 09/02/2020
7.	Mission of NJSC "SMU" and development strategy	1	2019 year
8.	Educational programmes for accredited EP	1	2016, 2018 and 2020
9.	Agreements and memorandums: agreements with clinical bases, agreements with residents, Memorandums of cooperation	3	2016 to 2020
10.	Research work of residents	1	05/30/2017 Minutes No. 5
11.	Code of Conduct	1	12/30/2015 Minutes of the Management Board No. 3
12.	Evaluation forms	1	2016-17 years
13.	Regulations for Clinical Academic Departments	1	06/19/2020, No. 12
14.	Regulation on the Department of Science and Education	1	29.10.2018, No. 26
15.	Regulations of other departments	1	
16.	Portfolio of residents, personal file of residents	2	
17.	Rules for the organization of the educational process of residency of NJSC "SMU"	1	02/15/2018
18.	Rules for the search, selection, recruitment and certification of workers in NJSC "SMU"	1	11/19/2015
19.	Rules for the search, recruitment, selection and certification of employees of NJSC "SMU"	1	November 19, 2015 as amended in 2016, 2018
20.	Rules for admission to residency	1	2018, as amended from 2019
21.	Orders	7	From 2016-2020
22.	Working curricula for the accredited EP	4	2016, 2017, 2018, 2020
23.	Working curricula	4	From 2017-2020
24.	Schedule	4	2016-2020 years
25.	Syllables	3	2016-17, 2018, 2020
26.	Resident lecture attendance log	1	1.09-12.09.2020

27.	Resident duty schedule	2	09.2020, 12.2020
28.	Educational and methodical council		Protocols from 2016 to 2020
29.	Materials of the educational and methodological council	2	For 2019, 2020
30.	Staffing table	3	NRCMCH - 11/30/2020, RDC - 11/30/2020, AMP - December 2020
31.	Operational plan for the implementation of the strategy	1	03/27/2020
32.	Regulation on teaching staff	1	Minutes 9 dated 28.08.2019
33.	Charter of NJSC "SMU" (as amended)	1	05/12/2020
34.	Instruction checklist of internal training	2	
35.	SCES	1	2015 and 2020
36.	Mission of NJSC "SMU"	1	2019 year
37.	Documents of the Educational and Methodological Council	4	06.11.2020
38.	Guidebook for applicants and students in residency	1	2020 year
39.	List of residents	3	
40.	Residency budget for 2020	1	2020 year
41.	Quality management programme	1	
42.	Employer Application Form	1	2020 year
43.	Privilege list of resident Zhakupova A.B. specialty "A&R"	1	2020-2023
44.	Scientific works of residents	2	2019, 2020
45.	PC Certificates in Teaching Skills	3	2015, 2017, 2017
46.	Certificates for the successful completion of the course-seminar "Methodology for the development of examination material" to assess the key competencies of students "	2	November 24, 2020 NCIE
47.	Certificates / Testimonials PC "Methodology for developing the image of results-oriented programmes" 54 hours	2	11/18/2019 NJSC "SMU"
48.	Examination materials for the accredited EP	1	2017-2018
49.	Interim certification results for accredited EP	1	2017-2018
50.	Sheets and tests for the accredited EP	3	2017-2018
51.	Library attendance log	1	2019-2020