

To Accreditation Council  
of Eurasian Center  
for Accreditation and Quality Assurance  
in Higher education and Health Care

**REPORT  
OF THE EXTERNAL EXPERT COMMISSION  
BASED ON THE RESULTS OF THE EVALUATION OF THE  
EDUCATIONAL PROGRAMME  
7R01137 – "NEUROLOGY (ADULT, CHILDREN)" OF NEI "KAZAKH-  
RUSSIAN MEDICAL UNIVERSITY"  
FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS OF  
POSTGRADUATE EDUCATION PROGRAMMES (SPECIALTY OF  
RESIDENCY) IN MEDICAL ORGANIZATIONS OF EDUCATION**

**period of external expert evaluation: 16.02. - 18.02.2022 (Order No. 02 dated  
02.02.2022)**

**almaty, 2022**

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### List of symbols and abbreviations

Abbreviation	Interpretation
RoK	Republic of Kazakhstan
MoH RK	Ministry of Health of the Republic of Kazakhstan
MES of RoK	Ministry of Education and Science of the Republic of Kazakhstan
GD	Government Decree
NEI	Non-State educational institution
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health Care
SCES	State compulsory standard of education
university	Higher education institution
OHPE	Organization of higher and postgraduate education
SC	Scientific Council
AC	Academic Council
CEP	Educational Programmes Committee
AMP	Administrative and managerial personnel
TS	Teaching staff
TCC	Training and Clinical Center
EP	Educational programme
DP&CEP	Department of planning and control of the educational process
CED	Catalog of elective disciplines
CMI	Control measuring instruments
QEP	Quality of the educational process
AC	Attestation Committee
IWPR	Individual work plan of the resident
IWRT	Resident independent work under the supervision of a teacher
IWS	Independent work of the student (resident)
EPI	Educational plan
WC	Work Curriculum
TEP	Typical Educational Plan
RW	Research work
EEC	External expert commission
NLA	Normative legal acts
EMC	Emergency medical care
PHC	Primary health care
EDM	Emergency and Disaster Medicine
MTB	Material and technical base
PD	Profiling Disciplines

## 1. Composition of the external expert commission

In accordance with the ECAQA Order No. 02 dated 02.02.2022, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external evaluation of the educational programme of the residency educational programme in the specialty 7R01137 – "Neurology (adults, children)" of the NEI "Kazakh-Russian Medical University" in the period of February 16-18, 2022, as follows:

order №	Status as part of EEC	Full name	Regalia, position, place of work/place of study, course, specialty
1	chairperson	Turgunov Yermek Meiramovich	Doctor of Medical Sciences, Professor of the Department of Surgical Diseases of the NJSC "Medical University of Karaganda", President of the NEI "Surgical Association of Karaganda Region", member of the International Surgery Society
2	Foreign Expert	Ruslan Abdullaevich Nasyrov	Doctor of Medical Sciences, Professor, Vice-Rector for Research, Head of the Department of Pathological Anatomy with the Course of Forensic Medicine of the St. Petersburg State Pediatric Medical University of the Ministry of Health of the Russian Federation, Member of the New York Academy of Sciences
3	Foreign Expert	Tatyana Vasilyevna Pozdeeva	doctor of Medical Sciences, Professor, head of the Department of Economics, of Management and Medical Law, Dean of the Faculty of Medicine and Prevention and the Faculty of Higher Nursing Education of the Federal State Budgetary Educational Institution of Higher Education "Volga Research Medical University" of the Ministry of Health of the Russian Federation.
4	Kazakh 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"
5	Kazakh Academic Expert	Ermukhanova Lyudmila Sergeevna	candidate of Medical Sciences, Head of the Department of Public Health and Healthcare of NJSC "West Kazakhstan Medical University named after Marat Ospanov"
6	Kazakh Academic Expert	Akhmetova Almira Kalikapasovna	Candidate of Medical Sciences, Associate Professor, Head of the Department of dermatovenerology and cosmetology of NJSC Semey Medical University
7	Kazakh Academic Expert	Kudabaeva Khatima Ilyasovna	Candidate of Medical Sciences, Professor of the Department of Internal Diseases No.1 NJSC "West Kazakhstan medical University named after Marat Ospanov"
8	Kazakh Academic	Sadieva Zhanar Zamankhanovna	Anesthesiologist-resuscitator, head of the Department of Postgraduate

	Expert		Education of South Kazakhstan Medical Academy JSC
9	Kazakh Academic Expert	Zhunusova Aigul Bitimbayevna	Candidate of Medical Sciences, doctor – pediatrician of the highest category, director of the Department of Academic Work of Semey Medical University NJSC
10	Kazakh Academic Expert	Tuleutaeva Raykhan Esenzhanovna	Candidate of Medical Sciences, Head of the Department of Pharmacology and Evidence-Based Medicine of NJSC "Semey Medical University"
11	Kazakh Academic Expert	Tezekbaev Kanat Mardenovich	Head of the Department of Traumatology and Orthopedics of NJSC "Asfendiyarov Kazakh National Medical University"
12	Kazakh Academic Expert	Rakhmanov Eltai Utemuratovich	PhD, Deputy Director of the Master's Programme in Sports Medicine and Rehabilitation, Instructor, School of Medicine, Nazarbayev University, organizer of educational, practical and research work of undergraduates in sports medicine and rehabilitation
13	Employers' representative	Zhazira Dzhumabekovna Moldabaeva	Deputy Chief Physician City Polyclinic No.29
14	Resident Representative	Ermekbai Aibek Amanzholuly	Resident of the second year of study in the specialty "Anesthesiology and resuscitation, including pediatric" of NJSC "Asfendiyarov Kazakh National Medical University"

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

The work of the EEC was carried out in accordance with the Regulation on the EEC (with ECAQA Order No. 02 of 02.02.2022).

The ECAQA report contains an assessment of the specialty 7R01137- "Neurology (adults, children)" of the NEI "Kazakh-Russian Medical University" for compliance with the Standards of accreditation of postgraduate programmes (specialty of residency) of medical organizations of education and conclusions (hereinafter referred to as the Accreditation Standards), recommendations of the ECAQA for further improvement of approaches and conditions for the implementation of the above educational programme and recommendations for the ECAQA Accreditation Council.

## 2. General part of the final report

### 2.1 Presentation of the NEI "Kazakh-Russian Medical University" and the educational programme of the residency in the specialty 7R01137- "«Neurology (adults, children)»".

Organization name, legal form of ownership, bin	Non-governmental educational institution "Kazakh-Russian Medical University", 970 240 002 300
Management body	The supreme body – the general meeting of participants Executive body – Rector Control body – Audit Commission Collegial body - Academic Council
Full name of the chief executive officer	Dzhainakbayev Nurlan Temirbekovich

Created in	1991 to 1992
Location and contact details	Republic of Kazakhstan Almaty region 050004 71, Torekulov str., Almaty Phone: +7 727 250 83 75 Fax: +7 727 250 83 75 e-mail: info@medkrmu.kz web: <a href="http://medkrmu.kz/en/">http://medkrmu.kz/en/</a>
State license for educational activities in the residency (date, number)	license for educational activities AB No. 0137388, issued by the Committee for Control in the Field of education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on June 02, 2010
Information on branches, subsidiaries (if any)	no.
Year of implementation of the accredited educational programme (EP)	2011
Duration of training	2 years
Total number of graduates since the beginning of EP implementation	6 trainees
Number of residents on EP since the beginning of the current year	1 resident of the 2nd year of study, 5 residents of the 1st year of study.
Full-time trainers/ Combiners involved in the implementation of EP, incl. % of degree	13 staff (9 full-time/4 part-time). From them: 1 doctor of sciences, 2 candidates of sciences, 5 masters. Highest category – 5, 1st category - 4, 2nd category – 3. Degree – 23%, average age of teaching staff – 41 years.

The University currently represents an organization of medical education with a private form of ownership, possessing the necessary material, technical, scientific and educational base, highly qualified pedagogical and scientific personnel (license for educational activities AB No. 0137388, issued by the Committee for Control in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on June 02, 2010).

Over the years, the university has shaped its brand, traditions and values, continuing to follow the course to universities of the international level, indicated by the country's leadership. The principles of the Bologna process, the credit system of training are implemented in all specialties of the bachelor's degree.

Since 2011, the University publishes a quarterly magazine «Actual problem of theoretical and clinical medicine».

In accordance with Article 23 of the Law of the Republic of Kazakhstan "On Science", the University was accredited by the Ministry of Education and Science of the Republic of Kazakhstan as a subject of scientific and scientific-technical activity, certificate number Series MK No. 005269 dated 08.10.2018.

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

The financing of the university is stable and contributes to improving the material and technical base and increasing the contingent.

The main applied scientific direction of the university is the development of innovations for implementation in practical health care, including the development of mobile medicine for the rural

population. Thus, for his achievements in the development of mobile medical complexes, Rector, Doctor of Medical Sciences, Professor N.T. Dzhainakbayev was awarded the quality certificate of the Swiss Institute of Quality Standard "International Quality Certificate" (SIQS) on July 1, 2015.

In order to develop cooperation, 30 agreements, agreements and memoranda with Kazakhstan and foreign higher educational institutions have been concluded.

The NEI "Kazakh-Russian Medical University" implements 35 educational programmes of the residency. In 2021, there was the first set of residents in the specialty 7R01137 – "Neurology (adults, children)".

The total number of students in the residency in 2020-2021 is 146 residents, including in the specialty 7R01137– "Neurology (adults, children)" 6 people. In 2020-2021, 146 residents were released, respectively, in the specialty 7R01137- "Neurology (adults, children)".

Requirements for the level of training of graduates of the residency in the specialty 7R01137 – "Neurology (adults, children)" are formulated in the EP according to:

The State Mandatory Standard of Residency for Medical Specialties and the Standard Professional Curriculum for Medical Specialties of Residence, Order of the Ministry of Health and Social Development of the Republic of Kazakhstan No. 647 dated July 31, 2015, as amended by Order of the Minister of Health of the Republic of Kazakhstan dated February 21, 2020 No. KR DSM-12/2020; the Law of the Republic of Kazakhstan "On Education" (Art. 36 "Postgraduate education"); Code of the Republic of Kazakhstan dated July 7, 2020 No. 360-VI "On public health and the health care system"; Order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-305/2020 "On approval of the nomenclature of specialties and specializations in the field of health care, the nomenclature and qualification characteristics of health care workers"; Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 12, 2018 No.563 "On approval of the Rules for the organization of the educational process on credit technology of training"; Rules for the admission of medical personnel in the residency, approved by Order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No. KR DSM-270/2020; Rules for admission to the residency of the NEI "KazRosmeduniversity" for 2020-2021 academic year; "Academic policy of the NEI" KazRosmeduniversity "; " Regulations on the current monitoring of academic performance, intermediate and final certification of students "; academic calendar of educational programmes of the residency; individual work plans of the student of the residency.

▪ The total number of teachers involved in the educational process of residency in the above specialty is 13 people, at a rate of 9, at a rate of 0.5, 6, of which: Doctor of Medical Sciences - \_\_1, Candidate of Medical Sciences - \_1\_, Master of Sciences – 5, Higher category – 5, 1 category - 4, 2 category – 3.

Studying in the residency in the specialty 7R01137 – "Neurology (adults, children)" is carried out in full-time; the term of study is 2 years. According to the SCES, the educational programme for training residents is designed for 140 credits: core subjects: a mandatory component – 132 credits, a component of choice – 4 credits, interim certification – 2 credits, final certification – 2 credits.

## **2.2 Information on previous accreditation**

Accreditation of the educational programme of the residency in the specialty 7R01137- "Neurology (adults, children)" has not been carried out so far.

**2.3 Conclusion on the results of the review of the report on the self-assessment of the educational programme 7R01137 "Neurology (adults, children)" of the NEI "Kazakh-Russian Medical University" for compliance with the Standards of accreditation of postgraduate education programmes (specialty of residency) of medical organizations of education and conclusions.**

The self-assessment report of the educational programme 7R01137 – "Neurology adult, pediatric" of the NEI "Kazakh-Russian Medical University" is presented on 123 pages and contains 13 applications on 29 pages, copies and electronic versions located at [https://drive.google.com/file/d/1CAwIJ7W4zpcURiYwAMs95r-sq2nJXkZU/view?usp=drive\\_web](https://drive.google.com/file/d/1CAwIJ7W4zpcURiYwAMs95r-sq2nJXkZU/view?usp=drive_web).

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 Kazakh-Russian Medical University, MD, Professor N.T. Dzhanakbayev, which confirms the reliability of quantitative information and information included in the self-assessment report.

The report contains a list of 9 members of the internal self-assessment commission with an indication of the responsibility of each employee, information about the representative of the organization responsible for conducting the self-assessment of the educational programme – Bekmagambetov Zh.M., Head of the Department of Strategic Development and Accreditation

1. M.M. Lepesova, Doctor of Medical Sciences, Professor, Head of the Department of Neurology
2. Yelemesova M.T. Director of the Department of Financial Work
3. Kasimova S.Yu. Head of the Administrative and Legal Department
4. Verevkina V.I. Head of Personnel Department
5. Olzhabaev S.T., Candidate of Medical Sciences, Director of the State Enterprise on PHC "Almaty Regional Oncology Dispensary"
6. Nurbayev Nurzhan Karzhaubayevich Doctor, resident in the specialty 7R01137 – "Neurology (adults, children)", 2nd year of study

The self-assessment of the educational programme 7R01137 – "Neurology (adults, children)" of the NEI "Kazakh-Russian Medical University" was carried out on the basis of Order No. 26-02-50/1-n/k dated 01.07.2021 "On preparation for accreditation and organization of the process of self-assessment of educational programmes".

The report was reviewed by the accreditation expert: A.B. Zhunusova, and the reviews noted strengths and areas for improvement, as well as recommendations for additions and changes, including the following:

Standards	Reviewer (s) Recommendations
2	Introduce the fundamentals of the scientific research manager into the educational programme
3	Regularly review the assessment of the quality of the methods used and the format of the assessment for the validity and reliability of the final learning outcomes
4	1. Include representatives of the resident association and organization in the process of development of the resident admission and selection policy (4.1.6.) 2. Modify the admission policy for the educational programme to ensure learning outcomes and transparency of the admission process (4.1.8.)
5	Develop a plan of measures to increase the degree of graduation of teaching staff
6	Include the elective discipline of the Manager of Scientific Research in the educational programme of the Residency (6.5.1.) Expand academic mobility of residents and teaching staff (6.7.1.,6.7.3.,6.7.4)

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 contain the real practice of the Kazakh-Russian Medical University for the training of residents in the specialty 7R01137 - "Neurology (Adult, children's) ", taking into account the start of admission of students in 2020, reasoned data, examples of the implementation of educational program tasks, national and international events, methodological support, confirming



compliance with the requirements of accreditation standards. The description in the self-assessment report is quite complete and updated in terms of the number of residents, teachers, administration, information about selection and admission, training results, results of knowledge and skills assessment, the material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, development plans 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**

External expert work in the framework of the evaluation of the educational programme in the specialty 7R01137- "Neurology (adults, children)" \_ 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 of Education and Health Care" No.5 dated February 17, 2017) and in accordance with the programme approved by the order of ECAQA No. 02 dated February 2, 2022 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the head of the NEI "Kazakh-Russian Medical University" Dr. med., Professor Dzhainakbayev N.T.

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.

The participation of foreign expert Ruslan Abdullayevich Nasyrov, doctor of medical sciences, professor, vice-rector for scientific work, head of the department of pathological anatomy with a course of forensic medicine of the St. Petersburg State Pediatric Medical University of the Ministry of Health of the Russian Federation, Member of the New York Academy of Sciences is provided on the zoom platform (video recordings are archived in the accreditation body).

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

- interview with management and administrative staff – 12 people in total;
- interview with residents – 3 total people, website study <http://medkrmu.kz/missiya-universiteta/>;
- interviewing 3 teachers;
- questionnaires of teachers and residents - 3 and 3, respectively;
- observation of the training of residents: visit to 1 practical lesson "Diagnosis of myasthenia gravis and myasthenic syndromes in children" by senior teacher Myrzaliev B.D. Residents of 1 year: Aitureeva Aknur Serikkyzy, Slugin Alexander Viktorovich, Aitbekova Meiramkul Ibraimkyzy, Dzhumabekov Vakhit Serikovich, Bazarbayeva Esem Muratkyzy. Based on CCCH2
- review of resources in the context of the implementation of accreditation standards: 1 practice/clinical engagement base was visited, including the State Enterprise on the Right of

Economic Management "Children's City Clinical Hospital No.2 of Almaty", where training is conducted on the \_\_1\_\_ educational programme with the participation of 13 full-time teachers/ part-time employees;

- study of educational and methodological documents in the amount of 18 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 on the number and category of participants in meetings, interviews, interviews with EEC members**

<b>№</b>	<b>Full name</b>	<b>Job Title</b>
1	Aitbekova Meiramkul Ibraimkyzy	Resident in the specialty "Neurology (adults, children)"
2	Aitureeva Aknur Serikkyzy	Resident in the specialty "Neurology (adults, children)"
3	Bazarbayeva Sem Muratkyzy	Resident in the specialty "Neurology (adults, children)"
4	Dzhumabekov Vakhit Serikovich	Resident in the specialty "Neurology (adults, children)"
5	Aleksandr Viktorovich Slugin	Resident in the specialty "Neurology (adults, children)"
6	Nurbayev Nurzhan Karzhaubayevich	Resident in the specialty "Neurology (adults, children)"

Thus, when implementing the activities of the programme, namely, according to the results of the interview with the first head of the organization, members of the scientific and clinical council, in interviews with residents 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 5 years was reviewed, including such areas as Improving the quality of services through the development of the university's educational programmes; internationalization and development of the university's scientific potential at the international and national levels; ensuring the growth of the university's management efficiency through digitalization of activities and compliance with the requirements of national and international standards; improving the efficiency of human capital management through the improvement of relationship management processes, the development of competencies, team spirit and proactivity; forming the university's image in the education market through the use of marketing tools; modernizing the material and technical base of the university through the updating of computer equipment and increasing the classroom fund, which confirms the fulfillment of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with 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 indicates compliance with **Standard 2** in terms of adapting training to the needs of residents.

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 on the

topic "Diagnosis of myasthenia gravis and myasthenic syndromes in children" by the senior teacher Myrzalieva B.D., the volume of hours 2, experts received convincing data that the training is carried out according to the plan, before the beginning of the lesson, residents respond to tests, receive feedback from the teacher, have the opportunity to improve the skill in the specialty 7R01137-"Neurology (adults, children)". The organization ensures compliance with ethical aspects in the implementation of the educational programme, since the experts studied the code of ethics (June 1, 2018) and during the interview, the residents replied that they were informed about the content of this document.

When attending a practical lesson on the topic: "Diagnosis of myasthenia gravis and myasthenic syndromes in children", in the amount of 2 hours and talking with residents, experts saw that the organization contributes to the development of practical competencies of residents, including on simulation equipment. 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 the advising disciplines were taken into account, additions were made to the bibliography of the EMCD and syllabuses, and teachers apply them in the classroom

The study of control and measuring tools (350 tests, 50 tasks, 25 questions to the Republic of Kazakhstan) showed that the organization has introduced a proper evaluation policy, which allows to evaluate the educational achievements of residents in a multifaceted manner. During the interview, the residents spoke about the forms of evaluation, practical exercises using innovative methods (CBL) and that they are satisfied with everything. They also receive regular feedback from teachers. The system of appealing the results of the assessment is reflected in the document "Academic Policy" and during the period of work of the organization of education there were no precedents for the appeal. Thus, compliance with standard 3 has been established.

During the visit to the organization and during the interview with the head of the Department of Neurology Bekitayeva Ainur Zhagipbarovna, 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, regulations 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 it contained resident-specific documents, syllabuses, work curricula, syllabuses, test instruments, examination sheets and information that was regularly updated. This information was obtained during an interview with Alma Isabekova, Ph.D., Associate Professor, Senior Lecturer.

The conversation with Marzhan Makhmutovna Lepesova, MD, Head of the Department, included such questions as "How are clinical mentors involved in the educational process?", "Do clinical mentors participate in the assessment of knowledge during oral examinations, midterm controls?", "Is there a rotation of residents on clinical bases? What is the frequency?" allowed experts to learn about approaches to attracting employees of clinical bases for teaching (in total, these teachers are \_\_13\_\_ people), about the strategy and tactics of recruitment of residents, the information security of the educational programme, as well as to identify problems in the management and development of human resources, since most part-time teachers do not know the teaching methodology.

Interviews with 9 teachers, including 7 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 verify the data of Standard 5, external experts received an opinion on personnel policy and approaches to the development of teachers' pedagogical competence, motivation to work with residents, and mentoring. Experts found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature, medical documentation, simulation equipment and simulators. To train residents in the specialty 7R01137 – "Neurology (adults, children)", 5 types of MMC are used as a training laboratory. MMC (mobile medical complexes) offered by the University to provide qualified medical care to the population of remote areas. Professor M.M. Lepesova is a co-executor of the research "National programme for the introduction of personalized and preventive medicine in the Republic of Kazakhstan 2021-2023., "School of Young Neurologist. Meetings once a month. A journal club. According to the results of scientific works, articles and abstracts are published.

During the visit to the clinical base of the State Clinical Hospital "Children's City Clinical Hospital No.2 of Almaty" (CCCH No.2), 240 beds of inpatient care, 40 beds of inpatient care, including those supervised by the department: neurological departments of young and old age - 70 beds, ICU – 9 beds; 5 study rooms, 50 sq. m., experts conducted a survey of resources, 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 have obtained evidence of compliance with Standard 6, as well as validation of the self-assessment report information.

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. The experts asked questions about satisfaction with the training, enough time for patient supervision, work in DAMUMED with medical documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents in need, participation in "Journal Clubs", accessibility of international databases of professional literature, scientific works. In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, since they believe that the organization of education has good resources, image and international relations, at the same time, residents would like more autonomy in patient management, organization and participation in international conferences, participation in academic mobility.

Residents showed their commitment to the organization of education, were active in answering the questions of external experts, demonstrated their judgment on the organization of training, assessment of their skills, advisory support, opportunities to participate in research, funding, demonstrated their proficiency in English when answering the questions of foreign expert Ruslan Abdullaevich Nasyrov. Members of the External Expert Commission (EEC) Experts studied the documents of residents (portfolio, results of assessment of residents - checklists, results of questionnaire of residents).

Interview with the employer of the deputy chief physician of CCCH No.2 Nazgul Asanova Ungarsynovna was held offline and included such issues as: knowledge of the mission of the university, participation in the development of the mission and proposals in the strategic plan, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of residents, participation in the training of 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 universities in general.

The review of resources showed that they correspond to the goals and objectives of educational activities, for example, they visited the clinical bases of the Municipal Clinical Hospital "Children's City Clinical Hospital No.2 of Almaty" (CCCH No.2), with a total bed capacity of 240 beds of inpatient care, 40 beds of inpatient substitution care, and employees of the organization of education provide collegial and ethical relations with medical personnel, the management of the clinical base to achieve the final results of residents. 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. Residents – neurologists have full access to all departments of the clinic, participate in consultations, supervise and consult patients with neurological pathology in all departments of the clinic.

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.

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 7R01137 - Neurology (adults, children)" for compliance with the ECAQA Accreditation Standards. No comments were made by the EEC members. Recommendations on improving the educational programme were discussed and Chairperson Turgunov Ermek Meiramovich held a final open vote on recommendations for the ECAQA Accreditation Council for the accreditation period of 5 years.

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 NEI "Kazakh-Russian Medical University", a 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:** Recommendations of the ECAQA EEC on the results of an external evaluation of educational programmes in the specialties of the NEI "Kazakh-Russian Medical University.

**General recommendations:**

1. Introduce the fundamentals of the manager of scientific research into the educational programme.
2. Expand the list of elective disciplines in the specialty.
3. The committee of the organization's testology shall establish the analysis and evaluation of test tasks.
4. Expand the representation of resident associations and organizations in the process of receiving residents

**4. Results of the survey.**

The ECAQA observer conducted an online questionnaire on the resource <https://webanketa.com/> between 16.02-18.02.2022.

The resident survey includes 39 questions. In total 200 people answered, from them took part: residents of the 1st year of training - 51,5%; the 2nd year of training - 33,5%; 3, 4th year of training - 11,5%; graduates - 3,5%. The vast majority of residents (more than 80%) answered positively to the questions concerning creation of conditions in the process of acquisition of skills (conditions and equipment of classrooms, auditoriums; conditions for rest and meals; access to electronic educational resources, etc.). A high percentage of students noted their involvement in the work of advisory bodies; awareness of students' problems related to training; arranges a schedule of training sessions in disciplines. 87,5% of respondents will recommend to study in this organization of education to the acquaintances, friends, relatives.

The teacher survey included 21 questionnaire questions. A total of 113 people responded, of whom 58.41% teach in the residency. Pedagogical experience: up to 5 years – 28.32%, up to 10 years - 22.12%, more than 10 years - 49.56%. More than 70% of respondents indicated satisfaction with the provision of resources (classrooms, equipment); support in the implementation of scientific work (publication activity, participation in conferences). High satisfaction with the work of the HR service (personnel); the opportunity for career growth and the development of the teacher's competencies; compliance with ethics and subordination in the team; the organization of the educational process

was noted. On the question "Are social support programmes for teachers implemented in the educational organization?" only 38.94 per cent responded positively and 44.25 per cent were unaware of this.

The results of the survey generally demonstrate satisfaction with the educational process, the resources of the clinical base, the competencies of teachers, and also indicate the existence of centralized management of educational programmes, including in the specialty "Neurology (adults, children)".

## **5. Analysis for compliance with accreditation standards based on the results of an external evaluation of the educational programme in the specialty 7R01137 "Neurology (adults, children)" of the NEI "Kazakh-Russian Medical University".**

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

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

#### **1.1 Mission statement and deliverables**

The mission of the educational programme in the specialty 7R01137 – "Neurology (adults, children)" - is the formation of competencies and personal qualities of competitive, creative and innovative thinking, able to implement their knowledge and skills of new generation specialists.

EP in the specialty 7R01137 – "Neurology (adults, children)", developed within the framework of the IWS (Order No.647 in the revision of 2020) and the Qualifications of a doctor (Order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-305/2020 "On approval of the nomenclature of specialties and specializations in the field of health care, the nomenclature and qualifications of health care workers") and discussed at the level: student audience, graduates (discussion of opportunities), department employees (discussion in a working group, at a meeting of departments / courses), at A meeting of the CEP (dated 14.05.2020 No.5), at the Academic Council (dated 28.08.2020 No.5) and the Academic Council of the University (dated 12.08.2020 No.5).

Informing the Training Mission is brought to the attention of the faculty at the Department meetings, also held by the administration, supervised by the dean's offices. The mission is brought to the attention of students at curatorial hours, meetings with deans, placed on the information stands of the university buildings, the official website of the [university www.medkrmu.kz](http://www.medkrmu.kz), as well as through information booklets.

The admission booklets also contain information on the mission and final learning outcomes, making it accessible to stakeholders such as applicants and their parents.

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

In accordance with the matrix of achievements of the results of training of the graduate of the residency in the specialty 7R01137 – "Neurology (adults, children)", given in the EP, the formation and development of professionalism and professional autonomy is provided for by the key competencies of the graduate of the residency.

As a result of training, the resident in the specialty 7R01137 – "Neurology (adults, children)" receives a holistic vision of processes, the ability to select effective and safe treatment, which generally determines an individual approach to patients – autonomy of decisions in favor of the patient. The resident, under the supervision of a manager / mentor, receives special knowledge, develops practical skills, for the assessment of which formative and summative assessment is used. The university has introduced elements of institutional autonomy. Academic freedom implies the autonomy of the development and implementation of the EP, within the framework of the standard curricula, of the SCES.

#### **1.3 Learning outcomes**

Outcomes include the knowledge, skills, analysis, communication skills, and continuous learning of the resident, which form the basis of the neurologist's knowledge and skills.

#### **1.4 Participation in the formulation of the mission and final results**

Annually, meetings of the university management with representatives of medical organizations are held through the job fair, at which issues of the quality of training of graduates are discussed, proposals for improving the strategy and tactics of students' education are formed, the advantages and problems of the university's activities are noted, which allows timely development of measures to eliminate shortcomings. External stakeholders involved in the formulation of the mission and deliverables include: employers (including potential), National socio-professional associations, healthcare organizations.

**It should be noted that the strengths are:**

1. The training of residents of neurologists is carried out on the basis of multidisciplinary clinics of the city with a strong staff, which contributes to the mission.
2. The mission of the educational programme in the specialty 7R01137 – "Neurology (adults, children)" is aimed at training a highly competitive specialist.

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

*Standard 1: completed*

*Recommendations for improvement identified during the external visit:*

**Standard 2: EDUCATIONAL PROGRAMME**

**Evidence of compliance:**

**2.1 Postgraduate programme framework**

Training of a resident in specialties is carried out in order to provide the healthcare industry of the Republic of Kazakhstan with qualified personnel in the field of medical services of the population and is carried out in accordance with the order of the Ministry of Health of the Republic of Kazakhstan dated January 30, 2008 No.27 "On approval of the lists of clinical specialties of training in internship and residency" with amendments and additions dated May 31, 2019 No. KR DSM-89 by the Order of the Ministry of Health of the Republic of Kazakhstan.

**2.2 Scientific method**

Involvement of residents for the implementation of small research projects carried out as part of the mastering of EP, develops the merits (qualities) of the researcher in students, teaches research methods and skills used in modern scientific practice.

**2.3 Content of the residency programme**

In accordance with the 2017 State Standard, the 2020 State Standard developed modular educational programmes in the specialty 7R01137 – "Neurology (adults, children)".

The educational programme for training residents in the specialty 7R01137 – "Neurology (adults, children)" is designed for 140 credits: core disciplines – 132 credits, a component of choice – 4 credits, interim certification – 2 credits, final certification – 2 credits.

**2.4 Programme structure, content and duration**

The educational process at the university is organized in accordance with the "Rules for the organization of the educational process on credit technology of education" (Order of the Ministry of Education and Science of the Republic of Kazakhstan dated 20.04.2011 No.152). The structure and content of the EP comply with the requirements of the State Standard of the Republic of Kazakhstan 2017, 2020, approved by Order No.647 of the Ministry of Health of the Republic of Kazakhstan, in accordance with the name of the programme and specialty. According to the classifier, the specialty is legitimate, and the graduate at the end of the educational programme will receive the appropriate document for the specialty and is designed for 140 credits. Training of a resident in specialties is carried out in order to provide the healthcare industry of the Republic of Kazakhstan with qualified personnel in the field of medical services of the population and is carried out in accordance with the order of the Ministry of Health of the Republic of Kazakhstan dated January 30, 2008 No.27 "On approval of the lists of clinical specialties of training in internship and residency" with amendments and additions dated May 31, 2019 No. KR DSM-89 by the Order of the Ministry of Health of the Republic of Kazakhstan.

The duration of mastering the educational programme of the residency in the specialty 7R01137 – "Neurology (adults, children)" is 2 years. The academic year consists of 45 weeks, which is 2,100 hours and includes theoretical, clinical training and holidays, lasting 6 weeks between academic years. Final assessment lasting 2 weeks. The study week consists of 54 hours, 1/3 of which is the independent work of the resident during extracurricular time.

## **2.5 Organization of training**

"KazRosmeduniversity" has developed a model and a modular-competence based approach to the training of residents. In the NEI "Kaz Rosmeduniversitet", a model of the competence of residents was developed, prescribed in the EP (Attachment, Table 1), approved at the meeting of the University Council (Minutes No.10 dated June 19, 2019).

According to the Order of the Acting Minister of Health of the Republic of Kazakhstan dated September 11, 2012 No.628. On the approval of the Regulation on the clinical bases of medical organizations of education for the training of residents, the requirements for the clinical bases of the residency are highlighted, according to which there are accreditation rules for residency bases. KazRosmeduniversity has an agreement with Antiplagiati Joint Stock Company (License Agreement No.1051 dated 08.07.2020). Anti-plagiarism system of university is the service designed to check the written work of students.

## **2.6 Relationship between postgraduate medical education and health care**

Mentoring is carried out on the basis of the Regulation on Mentoring, approved by the Protocol of the Scientific and Clinical Council No.18 of June 17, 2019. Clinical mentors accompany the student on the clinical base of the department/course.

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

**Standard 2: Implemented**

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

## **Standard 3: ASSESSMENT OF STUDENTS**

### **Evidence of compliance:**

#### **3.1 Methods of evaluation**

The general policy, principles, methods of assessment of residents in the specialty 7R01137 – "Neurology (adults, children)" within the framework of the EP is carried out using the criteria, within the framework of the current point-rating system of assessment of knowledge and control of the educational process in accordance with the directive, regulatory and internal documents: reflected in the following internal documents: Academic policy of the university, Regulations on conducting current monitoring of academic performance, interim and final certification of students in "KazRosmeduniversitet". The list of mandatory disciplines for conducting the final control during the academic period is regulated by the completed disciplines, which are reflected in the WEPL. The form of the midterm and final control is approved by the Academic Council. For testing, a technical specification is drawn up – a matrix of test tasks, which is reflected in the syllabuses. The assessment is carried out according to the checklists developed by the employees of the departments /course implementing the training of residents in the specialty 7R01137 – "Neurology (adults, children)".

The University uses additional methods of assessing residents in the specialty 7R01137 – "Neurology (adults, children)", such as a portfolio, assessment of scientific activity. Evaluation methods are developed by the department/course and reflected in the syllabuses approved at the meeting of both the department / course and the CEP.

#### **3.2 Relationship between evaluation and training**

The resident in the specialty 7R01137 – "Neurology (adults, children)" during the entire period of training forms a portfolio that corresponds to the final goals of the programme and contains unified reliable and valid criteria for assessing the student's activities. When analyzing the current documentation of residents, it was established that the portfolio consists of a resident's report; checklists with an assessment of practical activities, seminars, shifts, etc.; characteristics of the clinical mentor; information on achievements during the period of study in the residency, if any



(awards, certificates, conference programmes, abstracts of publications, video materials, letters of thanks, patients' reviews, etc.). The possibility of an appeal based on the results of the interim and final certification of residents is determined in the "Academic Policy of the University", where the procedure for filing an appeal is prescribed. A resident who does not agree with the result of the final control shall file an appeal no later than the next business day after the examination. The results of students' academic achievements are recorded in the electronic educational journal through the office-recorder system and the AIS Platonus programme, which automatically generates examination sheets, which is confirmed by experts when viewing 2 electronic journals.

*The conclusions of the EEC meet the criteria* of 11 standards: fully - 10, partially – 1.

**Standard 3: Implemented**

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

- 1) Regularly analyze the assessment of the quality of the methods used and the format of the assessment for the validity and reliability of the final results of training (3.1.4, 3.1.7).

## **Standard 4: STUDENTS**

### **Evidence of compliance:**

#### **4.1 Admission and Selection Policy**

Admission to the residency in the specialty 7R01137 – "Neurology (adults, children)" is carried out in accordance with the Order of the Ministry 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" dated October 31, 2018 No.600, the State Educational Standard of the Republic of Kazakhstan – 2020 and the Rules for admission to the residency of the NEI "Kazakh-Russian Medical University" for the current academic year. The residency's specialties include clinical orientation of education and in-depth specialized training in the specialty 7R01137 – "Neurology (adults, children)". The conditions of admission of residents are described in detail in the "Rules of admission to the residency" for the relevant academic year, based on regulatory legal acts.

Applications to the Residence are accepted from 3 July to 25 July. Entrance examinations to the residency are held from August 8 to August 16, admission – until August 28. Residence classes begin on September 1. Admission of citizens to the residency is carried out on a competitive basis on the basis of the results of entrance examinations. Entrants to the residency take the entrance exam in the specialty.

When admitting to the residency, the applicant's personal achievements, the results of research work, etc. are also taken into account. Information about the necessary list of documents for admission to the residency is posted on the University's website, as well as in the admission commission. The programme of entrance examinations to the residency is formed by teachers of the departments / courses of the university, approved at the meeting of the department, at the CEP, at the AC and is posted on the website. The site also contains introductory questions on the educational programmes of the residency. In order to ensure the transparency of the examination procedure, the examination is videotaped, observers and commission members are present in the hall.

#### **4.2 Number of residents**

The number of residents in the specialty 7R01137 – "Neurology (adults, children)" per teacher is 1:3. The contingent of students of the EP according to 7R01137 – "Neurology (adults, children)" for the 2021-2022 academic year is 7 people.

In the specialty 7R01137 – "Neurology (adults, children)", admitted residents of the 1st year of study 5, 2nd year of study -1.

#### **4.3 Resident support and advice**

To this end, the resident is assigned a curator who provides the functions of an academic mentor, participates in the formation and implementation of an individual curriculum, manages the educational and scientific activities of the student, and assists in employment. In addition, the

resident is assigned a clinical mentor in the medical organization where the resident is trained. Its function is to direct the resident to master the practical skills and competencies required by the resident in the process of his training, which is reflected in the Academic Policy of the University. Academic advisory work in the department/course consists of advising residents during the training and before the examination session. Prior to the beginning of each examination session, the department/course develops and approves the schedule for the consultation on the disciplines. The additional programme of support for students of KazRosmeduniversity is carried out in accordance with the internal document "Regulations on social support for students", approved in 2019. Residents receive information about student support services from information on stands at departments / courses, in the Residency Department and through the university website [www.medkrmu.kz](http://www.medkrmu.kz),

#### **4.4 Representation of residents**

The quality of the implementation of the educational programme is ensured by the participation of students in the discussion of the mission of the university and the educational programme, access to which is available by posting on the website of the NEI "KazRosmeduniversity".

Participation in the development and evaluation of the EP is carried out by the students of the residency by providing systematic feedback and representation in the CEP. AC, SC.

#### **4.5 Working conditions**

According to the Order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No. KR DSM-270/2020 "On approval of the rules for placing a state order, admission to training and training of medical personnel in the residency", resident doctors studying under a state educational order are paid a scholarship, in accordance with the Rules for the appointment, payment and amount of state scholarships to students in educational institutions, approved by the Decree of the Government of the Republic of Kazakhstan dated February 7, 2008 No. 116.

Resident doctors are granted holidays between academic periods. The duration of holidays during the academic year is at least seven weeks, except for the final course, in accordance with the state compulsory standard of residency in medical specialties and the educational programme in the specialties of residency.

The right to combine training with work (no more than 0.5 hours) in areas of activity close to his future specialty in his free time from study with the consent of the supervisor, the head of the department and the head of the residency department.

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

***Standard 4: Implemented***

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

- 1) Include representatives of the resident association and organization in the process of development of the resident admission and selection policy (4.1.6.)
- 2) Modify the admission policy for the educational programme to ensure learning outcomes and transparency of the admission process (4.1.8.)

#### **Standard 5: FACULTY**

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

##### **5.1 Recruitment and Selection Policy**

The University has developed and successfully operates a Personnel Policy, which reflects: the selection and admission of employees, the development and activities of employees, the promotion of employees, etc. Competitive selection is carried out on the basis of the current Regulation on the competitive substitution of positions of faculty and researchers, approved by the order of the rector No. 26-02-44-n/k dated November 27, 2020.

The number of teachers studying with residents and having an academic degree or/and academic title for the successful implementation of the educational programme in residency in the specialty "Neurology (adults, children)" is 23%.

## **5.2 Teachers' obligations and development**

The admission of teachers for the performance of EP is carried out through a competition for vacant positions, the procedure for which is regulated by the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated April 23, 2015. No.230 "On Approval of the Rules for Competitive Substitution of Positions of Teaching Staff and Researchers of Higher Education Institutions" in accordance with the requirements of **Order No.338 of the Minister of Education and Science of the Republic of Kazakhstan dated July 13, 2009 "On Approval of Standard Qualification Characteristics of Positions of Pedagogical Workers and Equivalents" (with amendments and additions as of April 30, 2020)** The system of professional and pedagogical improvement of the teaching staff of the NEI "KazRosmeduniversity" includes the following units: the School of the teacher, the Institute of postgraduate education, winter and summer schools organized by the AWD, which contribute to the formation and development of the competence and potential of the teaching staff.

**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) Develop a plan of measures to increase the degree of graduation of teaching staff

## **Standard 6: EDUCATIONAL RESOURCES**

### **Evidence of compliance:**

#### **6.1 Logistics and equipment**

The material and technical base of the university's laboratories is constantly being improved, modern equipment, reagents, and technical teaching aids are being purchased. The list of the material and technical base of the departments and modules mainly includes office equipment such as computers, scanners, faxes, video cameras, printers, copiers and multipliers, multifunctional devices, etc. According to the accredited programme, free access (50%), secure access (50%), providing residents with a password for access to the Internet (100%), access control is introduced by the information technology department. Head of the Information Technology Department, responsible for access control. At the moment, there are two (2) interactive boards with access to the Internet, in the office of Rukhani Zhangyru 610 and the ICT office 202. The following applications are installed in computers: Microsoft Office, Microsoft FrontPage XP, Macromedia Flash, Hyper Cam, Adobe Photoshop CS2, Windows Movie Maker, Camtasia, Cisco packet tracer, Irene – test programme, electronic tutorials. Residents can visit the office to prepare presentations, creative projects, reports within the framework of extracurricular employment. A Training and Clinical Centre was established in December 2011 to develop the competencies of students. The number of training rooms and auxiliary rooms provided at clinical bases is 12,706.4 m<sup>2</sup>.

#### **6.2 Clinical Bases**

According to the specialty "Neurology (adults, children)", the following bases are available: the State Clinical Hospital "Children's City Clinical Hospital No.2 of Almaty" (CCCH No.2), 240 inpatient beds, 40 inpatient substitute beds, of which the following are supervised by the department: neurological departments of the younger and older age - 70 beds, ICU – 9 beds; 5 study rooms, 50 sq. m. (+ Conference room and dressing room); the State Clinical Hospital "City Emergency Hospital (GBSNP)", 355 beds, of which the following are supervised by the department: neurostroke center – 30 beds, neurological beds - 15 beds; 1 study room, 15 sq. m. (+ Conference room and dressing room); Central Clinical Hospital (2 rooms); City Clinical Hospital No.4. Clinical facilities have a sufficient bed capacity in accordance with the goals and objectives of the educational programme in the specialty 7R01137 – "Neurology (adults, children)".

#### **6.3 Information technology**

Independent work of students (IWS) is provided by access to educational resources of the library and the Internet. At the beginning of the school year, students receive a guidebook, which reflects the basic rules for the organization of the educational process, a set of educational literature

in accordance with the educational trajectory of education. Students can receive syllabuses in paper and electronic form at the department and library at the beginning of the course. Access to modern and high-quality information resources to support the educational programme of students of KazRosmeduniversity is provided by the library in the hall of electronic resources and in the electronic library. WiFi is available free of charge. Students are provided with the names of the sites of the Ministry of Health and Social Development of the Republic of Kazakhstan, the Republican Center for Development of the Ministry of Health of the Republic of Kazakhstan, where there is information on clinical.

#### **6.4 Clinical Teams**

The programme of training of residents in the specialty 7R01137 – "Neurology (adults, children)" to work in a team and effective interaction with other health care specialists includes direct work of residents together with employees of clinical bases in all spheres of their activity, participation in selector republican and city meetings, in scientific and practical conferences, work in multidisciplinary teams.

#### **6.5 Medical Research and Advances**

At the end of April this year, in the territory of the Central Clinical Hospital in Almaty, a mobile medical complex (MMC) was vaccinated against COVID-19 among hospital employees and the population. National programme for the introduction of personalized and preventive medicine in the Republic of Kazakhstan 2021-2023 Co-performer Lepesova M.M. in nosology Epilepsy. (School of Young Neurologist" meeting once a month, Magazine Club. Analysis of rare and complex cases.

#### **6.6 Education expertise**

Examination of the quality of the implemented educational programme of the residency in the specialty 7R01137 – "Neurology (adults, children)" is a mandatory stage of the educational process and is carried out by the following structures of the NEI "KazRosmeduniversity": departments (planning, development, implementation, monitoring, evaluation, revision of the EP), Committee of educational programmes (planning, development, monitoring, evaluation, revision of the EP), Department of academic work (coordination, control of compliance with the NPA, monitoring, evaluation of the EP), Residency Department (implementation, monitoring, revision of the EP), Department of strategic development and QMS (coordination, monitoring, evaluation, revision of the EP), Academic Council (approval, evaluation, revision of the EP), Training Council (approval, evaluation, revision of the EP). The composition of collegial advisory bodies (CEP, AC, SC) includes teachers, representatives of professional associations, employers, students.

#### **6.7 Training in other institutions**

To organize and implement academic mobility, the University has organized an academic mobility department, which is actively working to establish partnerships with Kazakh and foreign universities, conducts a policy on their implementation with educational institutions and organizations of the Republic of Belarus, the Kyrgyz Republic, the Russian Federation, Turkey and France. In the specialty 7R01137 - "Neurology (adults, children)" academic mobility has not yet been implemented due to the transfer from another university, only planned.

**Conclusions of the EEC on the criteria.** Compliant with 21 standards: fully - 20, partially – 1.

**Standard 6: Implemented**

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

- 1) Include the elective discipline of the Manager of Scientific Research in the educational programme of the Residency (6.5.1.)
- 2) Expand academic mobility of residents and teaching staff (6.7.1.,6.7.3.,6.7.4)

### **Standard 7: PROGRAMME EVALUATION**

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

##### **7.1 Monitoring and evaluation mechanisms**

In the process of evaluating the programme in the specialty 7R01137 – "Neurology (adults,

children)", all stakeholders (faculty, residents, employers) are involved by representation in the relevant structures. The work of all structures that ensure the implementation and evaluation of the educational programme is regulated by the University Charter, Strategic Plan, annual plans and reports of the University, as well as the relevant QMS procedures. The results of the assessment are heard at meetings of collegial bodies and published on the university's website. Every year, at the meetings of the departments, the CEP, the Academic and Academic Council, the results of the Final State Certification of Residents in the specialty 7R01137 – "Neurology (adults, children)", interim certification, reports and assessment of resident diaries are heard, based on the results of which, conclusions are made about the expected achievability of the results of training of residents. If necessary, adjustments are made to the syllabuses, the list of literature is supplemented, an order is made for the purchase of literature through a specialized CEP, contracts with new clinical bases are drawn up. Monitoring of the planned activities within the framework of the implementation and evaluation of the EP in the specialty 7R01137 – "Neurology (adults, children)" is carried out at the meetings of the departments, the CEP, the Academic Council – the implementation of the plans is checked; Independent monitoring of data on the implementation and achievement of the final learning outcomes (LO) is carried out by the examination of the graduates of the EP in the specialty 7R01137 – "Neurology (adults, children)" through the National Center for Independent Examination (NCIE) and on employers' questionnaires. This procedure is carried out annually, after which disciplines are introduced into the catalog of elective disciplines (CED), which allow to strengthen the achievement of the expected final LO.

## **7.2 Feedback from teachers and residents**

For feedback with teachers and residents in the specialty 7R01137 - "Neurology (adults, children)", the Rector's blog is used, on which students and university staff receive answers to their questions on the terms of the educational programme. Representatives of residents are members of the CEP, the Academic Council, where they participate in the discussion of the implementation of the educational programme.

## **7.3 Results of Residents and Graduates**

Based on the results of feedback on the specialty 7R01137 – "Neurology (adults, children)", the analysis of nonconformities is carried out, the causes of the nonconformities are determined, the need for corrective measures, corrections are assessed and, if necessary, a corrective action plan is drawn up, and then registration and analysis of the effectiveness and efficiency of the actions taken are carried out. The results of feedback and corrective actions are heard at meetings of the department, the CEP, the Academic Council.

## **7.5 Procedure for Approval of Educational Programmes**

According to the order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-304/2020 "On approval of the regulations on the clinical base, the clinic of the organization of education in the field of health, the university hospital, the base of residency, the integrated academic medical center and the requirements for them", the University uses the medical and preventive institutions of the city as a clinical base on the basis of contracts. Residents of specialized disciplines in the specialty 7R01137 – "Neurology (adults, children)" pass on the basis of 5 clinics. One of the points of quality control of clinical bases is the availability of a certificate of accreditation from RCHD in a medical organization.

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

*Standard 7: Implemented*

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

## **STANDARD 8: GOVERNANCE AND ADMINISTRATION**

### **Evidence of compliance:**

#### **8.1 Control**

The NEI "KazRosmedunivreshet" implements the EP on residency in the specialty 7R01137 –

"Neurology (adults, children)" in accordance with the regulations approved by the Ministry of Health of the Republic of Kazakhstan and the Government of the Republic of Kazakhstan, as well as the internal rules for the organization of the educational process in the residency. Transparency in the management of the educational programme is carried out by discussing the educational and methodological documentation for the programme of the residency of specialty 7R01137 – "Neurology (adults, children) » at the meeting of the CEP, AC, and after receiving their positive conclusion is approved by the vice-rector for scientific and clinical work.

### **8.2 Academic Leadership**

The organization of the educational process in the NEI "KazRosmeduniversity" is regulated by the working curriculum in the specialty 7R01137 – "Neurology (adults, children)", the schedule of training sessions and IEP of the resident. Assessment of the organization of training at the department /course is carried out through the systematic control of departments/courses by the department.

### **8.3 Training budget and resource allocation**

The budget of KazRosmeduniversity is formed from two sources: the republican budget (state order for training of personnel of higher and postgraduate education, advanced training of medical workers, development of scientific research, transfers) and provision of paid educational services.

### **8.4 Administration and Management**

KazRosMedUniversity annually introduces changes and additions to the organizational structure. The staffing table of departments/courses providing educational programmes of the residency in the specialty 7R01137 – "Neurology (adults, children)" is approved annually taking into account changes in the number of students. According to Art.52 of the Law of the Republic of Kazakhstan "On Education" dated 27.07.2007. No. 319-III, the total number of faculty members is formed on the basis of an average ratio of residents and teachers – 3:1.

The structural unit responsible for ensuring the quality of management is the Department of Strategic Development and QMS, which organizes a regular audit of the work of departments and structural units.

Internal regulatory documents are open and available on the official website <https://medkrmu.kz/>

### **8.5 Requirements and regulations**

For the development of programmes of the residency in the specialty 7R01137 – "Neurology (adults, children)", their improvement, representatives of practical healthcare are involved. In order to effectively plan, develop and implement residency programmes, the NEI "Kazakh-Russian Medical University" included in the advisory bodies (CEP, AC) representatives of practical health care, residents and teachers of departments involved in the implementation of residency programmes in the specialty 7R01137 – "Neurology (adults, children)". Each of these representatives has the right to vote when making changes, proposals and comments in the educational process of the residency. As well as the right to vote when approving educational programmes for residency in the specialty 7R01137 – "Neurology (adults, children)".

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

*Standard 8: Implemented*

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

## **Standard 9: CONTINUOUS RENEWAL**

### **Evidence of compliance:**

An example of the process of continuous improvement, approaches to the implementation of EP specialty 7R01137 – "Neurology (adults, children)", is the active participation of stakeholders (primarily representatives of employers) in the formation of an educational strategy that reflects the social responsibility of the university for the development of advanced innovative technologies in medical practice and science, the use of advances in information and communication technologies, as well as the improvement of public health. Study, monitoring and evaluation of the educational programme 7R01137 – "Neurology (adults, children)" is carried out at all levels, includes the

profiling/graduating and related departments, the profile Committee of educational programmes, the Academic Council. The NEI "KazRosmeduniversity" continuously improves the mechanisms for periodic review, study and evaluation of the educational programme 7R01137 – "Neurology (adults, children)" and ensures the quality of the programme management process. The educational programme is regularly studied and evaluated through feedback from residents, faculty and stakeholders, including employers, as well as analysis of the academic achievements of residents.

An important attention in the procedure of selection of teaching staff ensuring the implementation of the educational programme of the specialty 7R01137 – "Neurology (adults, children)" is paid to the qualification of the candidate (availability of the first or higher category), sufficient experience in the university in the relevant specialty, knowledge of the current state of public health and medicine in the region and in Kazakhstan. In the NEI "KazRosmeduniversity", the practice of active participation in the development and evaluation of EP specialty 7R01137 – "Neurology (adults, children)" of residents was introduced, when discussing the catalog of elective disciplines, which provides a guarantee of a timely process of updating EP on the basis of past experience, current activities and future prospects. To train residents in the specialty 7R01137 – "Neurology (adults, children)", 5 types of MMC are used as a training laboratory. MMC (mobile medical complexes).

***The conclusions of the EEC according to the criteria.*** Compliant with 4 standards: fully - 4.

***Standard 9: Implemented***

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

**6. Recommendations for the improvement of the educational programme of the residency in the specialty 7R01137- "Neurology (adults, children)" NEI "Kazakh-Russian Medical University".**












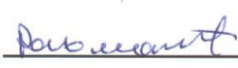

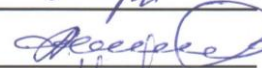

1. Introduce the fundamentals of the scientific research manager into the educational programme (standard 2).
2. Regularly analyze the assessment of the quality of the methods used and the format of the assessment for the validity and reliability of the final results of training (3.1.4, 3.1.6).
3. Include representatives of the resident association and organization in the process of development of the resident admission and selection policy (4.1.6)
4. Modify the admission policy for the educational programme to ensure learning outcomes and transparency of the admission process (4.1.8)
5. Develop an action plan to increase the level of teachers (5.1.1)
6. Include the elective discipline «Manager of scientific research" in the educational programme of the residency (6.5.1)
7. Expand academic mobility of residents and teachers (6.7.1.,6.7.3.,6.7.4)

### 7. Recommendation to the ECAQA Accreditation Council

Members of the EEC came to a unanimous opinion to recommend to the Accreditation Council to accredit the educational programme of the residency in the specialty 7R01137- "Neurology (adults, children)" for a period of 5 years

Chairperson	Turgunov Yermek Meiramovich
Foreign Expert	Ruslan Abdullaevich Nasyrov
Foreign Expert	Tatyana Vasilyevna Pozdeeva
Kazakh Academic Expert	Zhumalina Akmaral Kanashevna
Kazakh Academic Expert	Ermukhanova Lyudmila Sergeevna
Kazakh Academic Expert	Akhmetova Almira Kalikapasovna
Kazakh Academic Expert	Kudabaeva Khatima Ilyasovna
Kazakh Academic Expert	Sadieva Zhanar Zamankhanovna
Kazakh Academic Expert	Zhunusova Aigul Bitimbayevna
Kazakh Academic Expert	Tuleutaeva Raykhan Esenzhanovna
Kazakh Academic Expert	Tezekbaev Kanat Mardenovich
Kazakh Academic Expert	Rakhmanov Eltai Utemuratovich
Employers' representative	Zhazira Dzhumabekovna Moldabaeva
Resident Representative	Ermekbai Abay Amanzholuly

Observer for ECAQA M.A. Umarova



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

**Of educational programme in the specialty of residency in the specialty 7R01137 – "Neurology  
(adults, children)" of NEI "Kazakh-Russian Medical University"**

Standard	Evaluation Criteria	Estimation		
		Fully compliant	Partially compliant	Not compliant
	Number of standards			
1	MISSION AND END OUTCOMES	17		
2	EDUCATIONAL PROGRAMME	30	1	
3	ASSESSMENT OF STUDENTS	10	1	
4	STUDENTS	29	1	
5	FACULTY	7		
6	EDUCATIONAL RESOURCES	20	1	
7	PROGRAMME EVALUATION	15		
8	GOVERNANCE AND ADMINISTRATION	15		
9	CONTINUOUS RENEWAL	4		
	<b>Subtotal:</b>	<b>147</b>	<b>4</b>	
		<b>151</b>		

## List of documents studied by EEC members within the framework of

<b>№</b>	<b>Name of the document</b>	<b>Identification number</b>	<b>Date of approval</b>
1	Personnel policy	R-01-23-01	25.12.2020
2	Regulations on social support for students	P-03-21-06	21.06.2019
3	Regulations on the Commission for ensuring the academic quality of the educational programme	PL-03-36-08	26.08.2021
4	Regulation on the Test Committee	RB-03-18-04	28.10.2021
5	Rules for admission to the residency	PR-03-11-05	24.07.2020
6	Regulations on on-site training in internship and residency	PL-03-11-07	29.08.2019
7	Teacher Honor Code		12.12.2017
8	Regulations on the Organization of Training with the Use of Distance Education Technologies	PL-03-37-05	29.08.2019
9	Regulation on the Board of Curators	PL-03-21-08	18.11.2019
10	Regulation on the assessment of students' knowledge	PL-03-35-10	29.08.2019
11	Regulations on the current monitoring of academic performance, interim and final certification of students	PL-03-35-11	29.08.2019
12	Rules for Granting Academic Leave to Students	PR-03-35-12	29.08.2019
13	Code of Academic Integrity	K-03-36-05	27.04.2019
14	Rules of Internal Regulations for Students	PR-03-36-08	29.08.2019
15	Regulations on the Committee for Educational Programmes	PL-03-17-06	29.08.2019
16	Rules for using the "Anti-plagiarism. University" system	PR-03-17-10	29.08.2019
17	Regulation on the processing, protection and storage of personal data of employees and students	PL-03-23-06	17.06.2019
18	Clinical Instructor Statement	PL-03-11-08	17.06.2019
19	Academic Policy	R-01-17-14	27.08.2021