

To Accreditation Council  
Of the Eurasian Centre for Accreditation  
and quality assurance in Higher education  
and Health care

May 30, 2021

**REPORT**  
**OF THE EXTERNAL EXPERT COMMISSION**  
**ON THE RESULTS OF THE ASSESSMENT OF THE EDUCATIONAL PROGRAMME**  
**7R01113 "PSYCHIATRY, INCLUDING CHILDREN'S"**  
**OF NJSC ASFENDIYAROV KAZAKH NATIONAL MEDICAL UNIVERSITY FOR**  
**COMPLIANCE WITH STANDARDS OF ACCREDITATION OF POSTGRADUATE**  
**EDUCATION PROGRAMMES (RESIDENCE SPECIALTIES) IN MEDICAL EDUCATION**  
**ORGANIZATIONS**

**period of external expert evaluation: 26.05.-28.05.2021**

**Almaty, 2021**

## CONTENT

	List of symbols and abbreviations	2
1.	EEC composition	4
2.	General part of the final report of the EEC	8
2.1	Presentation of the NJSC "Asfendiyarov Kazakh National Medical University "(KazNMU) and the educational residency programme in the specialty" 7R01113 - "Psychiatry, including children's"	8
2.2	Information about previous accreditation	9
2.3	Analysis of the self-assessment report of the educational residency programme in the specialty "7R01113 -" Psychiatry, including children's"	9
3.	Description of the stages of external expert evaluation and conclusion	10
4.	Analysis for compliance with accreditation standards based on the results of an external assessment and an educational residency programme in the specialty "7R01113 -" Psychiatry, including children's» of KazNMU and an overview of strengths for each standard	21
5.	Recommendations for the improvement and educational programme of residency in the specialty "7R01113 -" Psychiatry, including children's" of KazNMU	37
6.	Recommendation to the ECAQA Accreditation Council	37
7.	Attachment 1. Quality profile and criteria for external assessment and educational residency programme in the specialty "7R01113 -" Psychiatry, including children's» of KazNMU for compliance with ECAQA Accreditation Standards	38
8.	Attachment 2. List of documents studied by members of the EEC in the framework of specialized accreditation	39

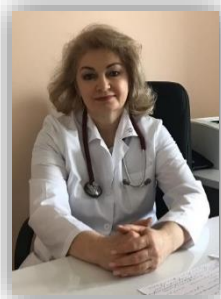
## LIST OF SYMBOLS AND ABBREVIATIONS:

GPA	Weighted average assessment level of educational achievements of a student in the chosen specialty
ECTS	European Credit Transfer and Accumulation System
PBL	Problem-based learning
TBL	Team-Oriented Learning
AIS - NJSC "KazNMU"	Automated information system of KazNMU
AC KazNMU	Academic Council of KazNMU
JSC RIC&IM	Joint Stock Company "Research Institute of Cardiology and Internal Medicine"
AMP	Administrative and management personnel
BD (O)	Basic disciplines (training)
GD	General doctor
University	Higher educational institution
SAC	State Attestation Commission
Civil Defense and Emergencies	Civil defense and emergencies
SCES	State compulsory education standard
DAD	Department of Academic Development
DS&HR	Department of Science and Human Resources
DET	Distance educational technologies
DEMW	Department of educational and methodical work
ECAQA	Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health care
FSA	Final state certification
IPE	Institute of Postgraduate Education
IEW	Individual educational work (resident)
KRIOR	Kazakh Research Institute of Oncology and Radiology
CVI	Coronavirus infection
COC	Component of choice
CEP	Committee for educational programmes
QED	Catalog of elective disciplines
CEL	Clinical and experimental laboratory
MoH RK	Ministry of Health of the Republic of Kazakhstan
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
MEO	Medical education organization
MJ RK	Ministry of Justice of the Republic of Kazakhstan
IAAR	Independent Agency for Accreditation and Rating
NJSC "KazNMU"	Non-profit joint-stock company "Asfendiyarov Kazakh National Medical University"
Research Institute FAM	Research Institute of Fundamental and Applied Medicine named after B. Atchabarov
RWR	Research work of a resident

IQAA	Independent Kazakh Agency for Quality Assurance in Higher Education
SSC	Scientific student circle
STP	Scientific and technical programme
NCIE	National Centre for Independent Examination
SC	Science Centre
SCS	Scientific Centre of Surgery
SCOGP	Scientific Centre for Obstetrics, Gynecology and Perinatology
SCP&PS	Scientific Centre for Pediatrics and Pediatric Surgery
PO	Public organization
EP	Educational programme
DP&CEP	Department of planning and control of the educational process
OSCE	Objective structured clinical examination
IC	Intermediate certification
MG	Major disciplines (training)
PHC	Primary health care
NCDMP	Noncommunicable Disease Management Programme
RSE on REM	Republican state enterprise on the right of economic management
WC	Working curricula
QMS	Quality Management System
SOP	Standard operating procedures
IWR	Independent work of residents
SC	Simulation centre
IWRST	Independent work of a resident under the supervision of a teacher
TC	Typical curriculum
ERWR	Educational and research work of residents
EMA	Educational-methodical association
UC	University clinic
AC	Academic Council
CCU	Centre of collective usage
GCV	Graduate Career Centre
STE	School of teaching excellence

## 1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 19 dated April 26, 2021, an External Expert Commission was formed to conduct institutional accreditation and accreditation of educational programmes for specialties of KazNMU residency during May 26-28, 2021, in the following composition:



### **Chairperson of the External Expert Commission**

MORENKO MARINA ALEKSEEVNA,  
Doctor of Medical Sciences, Professor, Head of the Department of Children's Diseases with courses of allergology, immunology, hematology and endocrinology  
NJSC "Astana Medical University"

Vice President of the Association of Allergists and Clinical Immunologists of the Republic of Kazakhstan, Member of the Union of Pediatricians of Russia

### **Foreign expert (online)**

NASYROV RUSLAN ABDULLAEVICH,  
Doctor of Medical Sciences Professor,  
Vice-rector for scientific work,  
Head of the Department of Pathological Anatomy with the course of forensic medicine  
St. Petersburg State Pediatric Medical University of the Ministry of Health of the Russian Federation, Member of the New York Academy of Sciences



### **Foreign expert**

RYZHKIN SERGEY ALEXANDROVICH  
Doctor of Medical Sciences, Deputy Director of the Russian Medical Academy of Continuous Development (Moscow), Associate Professor of the Department of Radiation Diagnostics, Head of the Department of Additional Professional Education of the Kazan State Medical Academy, accredited expert of the Federal Service for Supervision in Education and Science (Rosobrnadzor).



### **National academic expert**

DZHANDAIEV SERIK ZHAKENOVICH,  
Doctor of Medical Sciences,  
Professor Department of Otorhinolaryngology  
NJSC "Astana Medical University"  
Academician of the "International Academy of Head and Neck Surgery"





**National academic expert**  
LIGAY ZOYA NIKOLAEVNA,  
Doctor of Medical Sciences,  
head of the department of general medical  
practice with a course of medical care  
NJSC "Kazakh-Russian Medical University"



**National academic expert**  
MADYAROV VALENTIN  
MANARBEOVICH,  
Doctor of Medical Sciences, Head of the  
Department of Surgery with a course of  
anesthesiology and resuscitation, NJSC  
"Kazakh-Russian Medical University"



**National academic expert**  
ZHANALINA BAHYT SEKERBEKOVNA,  
Doctor of Medical Sciences, Professor of the  
Department of Surgical and Pediatric Dentistry  
NJSC "West Kazakhstan Medical University  
named after Marat Ospanov"  
Excellence in Health care of the Republic of  
Kazakhstan



**National academic expert**  
JUMALINA AKMARAL KANASHEVNA,  
Doctor of Medical Sciences, Professor, Head of  
the Department of Pediatric Diseases with  
Neonatology, NJSC "West Kazakhstan State  
Medical University named after Marat Ospanov  
"



**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**  
ABDULLINA VENERA RAVILEVNA,  
Candidate of Medical Sciences,  
Associate Professor of the Department of  
Ophthalmology  
NJSC "Kazakh-Russian Medical University"



**National academic expert**

IGIMBAEVA GAUKHAR TLEUBEK KYZY,  
Candidate of Medical Sciences, Professor,  
Republican Coordinator of Continuous  
Professional Development of Health Personnel  
on the Issues of Mortality Reduction from BSC  
of the Ministry of Health of the Republic of  
Kazakhstan, Consultant Cardiologist of the  
Highest Category at the Orhun Medical Clinic  
(Turkey-Kazakhstan)



**National academic expert**

KABILDINA NAILA AMIRBEKOVNA.  
Candidate of Medical Sciences, Associate  
Professor, Head of the Department of Oncology  
and Radiation Diagnostics,  
doctor oncosurgeon PSE ROD of NJSC  
"Medical University of Karaganda"



**National academic expert**

KUSAINOVA FARIDAT AZYMOVNA,  
Candidate of Medical Sciences,  
Associate Professor of the Department of  
Obstetrics, Gynecology and Reproductive  
Technologies  
LLP "Institute of Reproductive Medicine",  
Almaty



**National academic expert**

BACHEVA IRINA VIKTOROVNA,  
PhD in Medicine,  
Associate Professor of the Department of  
Internal Medicine Head of the educational  
programme of residency in the specialty  
"Nephrology, including adult» of NJSC Medical  
University of Karaganda



**National academic expert**

MAUKAEVA SAULE BORANBAEVNA,  
candidate of medical sciences, doctor of the  
highest category,  
Head of the Department of Infectious Diseases  
and Immunology  
NJSC "Semey Medical University"



**National academic expert**

OSPANOVA NARGUL NARIMANOVNA,  
Candidate of Medical Sciences,  
Associate Professor at the Department of  
Psychiatry  
NJSC "Semey Medical University"



**Expert -employers' representative**

SERGEEVA ELENA NIKOLAEVNA,  
Master in Public Health,  
cardiologist of the highest category,  
Head of the Department of the City Cardiological  
Centre in Almaty.



**Expert - resident representative**

ABBASOVA DIANA,  
resident of the first year of study in the specialty  
"Radiation diagnostics"  
NJSC "Kazakh-Russian Medical University"



**Expert -resident representative (online)**

ILYASOV ELDAR RASHITOVICH,  
resident of the first year of study in the specialty  
"Oncology" of the Pavlodar branch of the NJSC  
"Semey Medical University".



**ECAQA Observer**

SARSENBAYEVA DARIYABANU  
BULATOVNA,  
BA, International Manager  
"Eurasian Centre for Accreditation and Quality  
Assurance in Higher Education and Health  
Care"  
tel .: +77771471726,  
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 "7R01113 -" Psychiatry, including children's» of KazNMU for compliance with Accreditation Standards programmes of postgraduate education (specialty residency) of medical educational



institutions of ECAQA, recommendations of the EEC on the further improvement of the educational activities of KazNMU in the field of postgraduate education.

## **2. General part of the final report of the EEC**

**2.1 Presentation of the NJSC "Asfendiyarov Kazakh National Medical University "(KazNMU) and the educational residency programme in the specialty "7R01113 -" Psychiatry, including children's".** Since 2018, at KazNMU reorganized into a non-profit joint-stock company (NJSC) in accordance with the decree of the Government of the Republic of Kazakhstan (dated April 5, 2018 No. 166) and received the status of a research university (decree of the Ministry of Health of the Republic of Kazakhstan dated 11/12/2018). KazNMU conducts training of students on the basis of 106 health care organizations, including 5 research centres affiliated with the university. There are also 4 university clinics: Aksai clinic, internal medicine clinic of KazNMU, professorial clinic of KazNMU, dental clinic.

The university successfully implements dual training with involvement in the development and implementation of educational programmes of employers and field training of interns and residents in the regions of the Republic of Kazakhstan, branches of KazNMU in Taldykorgan, Taraz and Kyzylorda and other regions of Kazakhstan.

The first admission to residency was held in 2008. The first issue of residents was carried out in 2010.

Currently, in accordance with the state license No. KZ74LAA00017008 of 09/19/2019, training is carried out in Kazakh, Russian and English at undergraduate and postgraduate levels of training in 44 specialties of residency.

In KazNMU from 2016 to 2020, 5422 people received postgraduate education, including 719 residents.

**Employment of residency graduates** over the past 5 years is 100%.

The staff of the University is 2099 people. Of these, the teaching staff - 1283, incl. academicians - 9, doctors of sciences - 151, candidates of sciences - 401, doctors of PhD - 20. The teaching staff of KazNMU has a high scientific and pedagogical potential. The holders of the grant of the Ministry of Education and Science of the Republic of Kazakhstan "The best teacher of the Republic of Kazakhstan" are 17 university teachers.

In the international institutional rating ARES among Kazakhstani universities in 2020, KazNMU took the fourth place in the overall ranking of universities, and a leading position among medical universities of the republic.

According to the results of the rating assessment of medical universities, research institutes, scientific centres of the Republic of Kazakhstan, conducted by the Republican Centre for Health Development, according to indicators of scientific and innovative activities for 2019 and an assessment of the dynamics of rating indicators over the past three years, KazNMU took 1st place. In November 2019, KazNMU became the owner of the independent award "Leader in publication activity in the Web of Science Core Collection over the past 5 years among medical universities of the Republic of Kazakhstan" according to the international information and analytical platform Web of Science.

According to a social online survey, according to the information of the President of the Alliance of Students of Kazakhstan Ilyas Tustikbaev, NJSC Asfendiyarov KazNMU entered the TOP 10 best universities in Kazakhstan.

According to the results of the National rating of the best universities in Kazakhstan -2019, conducted by the Independent Agency for Quality Assurance in Higher Education (IQAA), KazNMU took 1st place in the institutional rating in the category of medical universities... In the institutional rating of the IAAR in 2019, KazNMU took 2nd place in terms of demand.

In the published Webometrics Ranking of World Universities, which evaluates more than 30 thousand educational institutions around the world, KazNMU entered the four best sites in the country and in the 11 best sites in the world.

Currently, 40 educational programmes at 4 levels of education are accredited by the IAAR. Since 2018, KazNMU has a certificate of institutional accreditation for 5 years.

KazNMU is one of the founders of the Academic Demanding League, which aims to improve the quality of education by implementing and promoting the principles of academic honesty.

KazNMU is a member of the following international associations: **AMEE, Association Siberian Open University, UNAI.**

During the period of implementation of KazNMU, 124 agreements on cooperation with universities, medical and scientific organizations of 34 countries of the near and far abroad have been concluded.

For the period from the 2015-2016 academic year to the 2019-2020 academic year, 107 visiting professors were invited. External outgoing and incoming academic mobility for the reporting period amounted to 59 university employees and 172 residents.

KazNMU was visited by visiting professors from Turkey, Russia, Lithuania, Warsaw, Georgia, Ukraine, Belarus. Academic mobility of professors and teachers –16. Outgoing external academic mobility of residents - 22.

Within the framework of the Erasmus + programme in 2015 agreements were signed with European universities - Finland, Lithuania, Spain, Estonia. In 2020, KazNMU won 4 grants for projects: AccelEd, HARMONE, LMQS, FOR21, aimed at promoting the modernization and sustainable development of the education and training system.

The main educational, scientific and clinical structural unit of KazNMU, which coordinates training in residency is the dean's office of internship and residency, renamed from August 3, 2020 to the faculty of postgraduate education.

Total number of students in residencyv 2019-2020 years is 146 residents, including in the specialty "7R01113 -" Psychiatry, including children's" 52 people. In 2019 and in 2020dah 158 and 146 residents were graduated respectively, in the specialty "7R01113 -" Psychiatry, including children's"- 6 and 5, respectively.

The total number of teachers involved in the educational process of residency in the above specialty is 7 people, among them Doctor of Medical Sciences - 2, Candidate of Medical Sciences - 4, no degree (presence of a medical category) - 1 (highest category).

## **2.2 Information on previous accreditation**

Accreditation of the educational residency programme in the specialty "Psychiatry» of KazNMU was held in 2016 by the Accreditation Body of the IAAR.

**2.3 Analysis of the self-assessment report of the study programme of residency in the specialty "7R01113 -" Psychiatry, including children's".** Preparation for specialized accreditation of KazNMU was carried out on the basis of order No. 91 dated February 26, 2021 "On approval of the composition of the working group for preparation for self-assessment of educational programmes of KazNMU residency"

Self-assessment report educational programme presented on 125 pages of the main text, as well as attachments on 126-134 pages, 51 attachments in PDF form, electronic versions of documents by reference to googledisk - 32.

The report is characterized by answers to the criteria for each of the 9 accreditation standards, structuredness taking into account the recommendations of the ECAQA Self-Assessment Guidelines for educational programmes, as well as internal consistency of information.

The report is accompanied by an accompanying a letter signed by the rector T.S.Nurgozhin, confirming the accuracy of the information and data contained in the report.

The working group on the preparation of the self-assessment report has done a certain amount of work: the content of the accredited educational programme, the conditions for its implementation, staffing, educational resources, development dynamics since the date of the previous accreditation in 2016 have been collected, the necessary information has been collected in accordance with the

Accreditation Standards for Postgraduate Education Programmes (specialties of residency) of medical educational institutions of ECAQA (hereinafter referred to as accreditation standards); analysis, updating of methodological and educational materials, relevant documents on residency (regulations, rules), their content is reflected in the report. The content of the Self-Assessment Report is structured in accordance with the ECAQA Accreditation Standards.

All standards show actual practice KazNMU for training residents in the specialty "7R01113 - "Psychiatry, including children's", While the beginning of training in 2010, in 2019-2020 and 2020-2021. trains 51 and 15, respectively.

The self-assessment report contains reasoned data, examples of the implementation of the objectives of the educational programme, assessment of residents, national and international events, methodological support, confirming compliance with the requirements of accreditation standards. Self-assessment report description is fairly completed and updated in terms of the number of residents, teachers, administration, information about the selection and admission, the results of training, the results of the assessment of knowledge and skills, the material and technical base of the university and clinical bases, contractual obligations with partners (medical organizations, practice bases, universities), financial information, plans for development and improvement, etc. Additionally, information was requested about Typical contracts with clinical bases, information on the MOO engaged in the training of specialists 7R01113"Psychiatry, including children's"(a brief history of the department, experience in training specialists in residency), supporting documents (employers' feedback on the educational programme, feedback on residency graduates), results of a survey of residents on satisfaction with the educational process, documents on the scientific work of residents (participation in conferences, publications), information on the employment of graduates of residency in the specialty "Psychiatry" for the last 5 years, information on clinical mentors (experience, category). The requested information related to accreditation standards has been submitted.

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 KazNMU 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 evaluation stage.

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

External expert work on the evaluation of the educational programme residency in the specialty "7R01113 -" Psychiatry, including children's" was organized in accordance with the Guidelines for conducting an external assessment of educational organizations and educational programmes of ECAQA (approved by order of the Director general of the "Eurasian Centre for Accreditation and Quality Assurance in Higher Education and Health care" No. 5 dated February 17, 2017) and according to the programme and schedule approved on May 11 .2021 Director General of ECAQA Sarsenbayeva S.S. and agreed with the rector prof. Nurgozhin T.S.

To obtain objective information on the expert assessment of the accredited educational programme, the members of the EEC used the following methods: interviews with management and administrative staff, interviews with residents and teachers, observation, studying the website, interviewing employees of various structural units, questioning teachers and residents, reviewing resources with a visit to clinical bases in the context of the implementation of accreditation standards, attending practical (seminar) classes of residents, including online in a pandemic, studying regulatory and educational documents both before a visit to KazNMU and during a visit.

On the part of the university staff, the presence of all persons indicated in the visit programme and according to the lists of interview sites is ensured (Table 1).

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

<b>N o.</b>	<b>FULL NAME.</b>	<b>Position</b>
1.	Bayldinova Clara Zhenisovna	Vice-rector for academic affairs
2.	Baimakhanov Abylai Niyatovich	Dean of the Faculty of Postgraduate Education
3.	Tusupbekova Sandugash Kairatovna	Head of the Department of Academic Affairs
4.	Kulzhakhanova Samal Sanatovna	Head of the Alumni Career Centre
5.	Nagasbekova Bayan Serikkanovna	Head of Human Development Department resources
6.	Sapakova Madina Mukhtarovna	Head of HR Department
7.	Tulepbaeva Gulzhan Sovetovna	Supervisor Department of Clinical Work
8.	Nurmakhanova Zhanat Makhmutovna, Ensegenova Zoya Zharbulatovna	Chairperson of the committees of educational programmes (residency)
9.	Syzdykova Aigul Temirbulatovna	Deputy CFO
10.	Modovov Nurbol Alimbaevich	Library manager
11.	Saliev Timur Muydinovich Balmukhanova Aigul Vladimirovna	Head and Deputy NIIFM named after Atchabarov SRIFM
12.	Employers - representatives of practical health care	ten
13.	Residency trainers	43
14.	Residents	55
15.	Residency graduates	ten

The sequence of the visit during May 26-28, 2021 is detailed in the Visit Programme, which is located in the documentation of the accreditation centre and in the Attachment to this report.

Vice-rector for academic activities Bayldinova K. Zh. presented EEC and provided information on the purpose of the visit. This interview made it possible to determine to obtain evidence that the mission of the residency programme and the mission of the university are fully consistent with each other. The vice-rector announced a strategy for the development of postgraduate education, including residency programmes, which indicates a clear vision of the university and an interest in improving residency programmes, taking into account the needs of practical health care.

**Meeting with the** Dean of the Faculty of Postgraduate Education Baimakhanov A.N. and Director of the Department for Academic Work Tusupbekova S.K. allowed experts to find out how the internal quality assurance policy in postgraduate education in the context of ESG. To search for evidence of compliance with standard 4, experts asked questions about the current status of a resident in accordance with the Health Code of the Republic of Kazakhstan. The following tasks of the dean's office were also analyzed - the formation of state orders for specialties, the admission of residents, the provision of resources, the assessment of educational programmes of residency. It was found that the dean's office closely cooperates with the departments teaching residents. The resources of the residency programme are provided by cooperation with such foreign partners as Albany State University of New York... From the conversation with the dean, it was determined that the residents work in the clinics in a safe environment.

**When interviewing the head of the Graduate Career Center** Kulzhakhanov S.S. experts assessed approaches to implementation of monitoring the employment of residents. In general, the employment rate is very high and amounts to 100%, at the same time it is necessary to conduct monitoring over several years. The experts studied the results of a survey of graduates and employers about the level of satisfaction of employers and other stakeholders with the quality of training of

residents. The level of satisfaction with residency graduates is quite high. 146 employers (response rate 55.4%) from 6 oblasts and Almaty city were interviewed. 77% and 71% of the respondents were satisfied with the level of professional knowledge and skills, respectively.

Interview with the head of the human development department **resources** Nagasbekova B.S. and the head of the personnel management department Sapakova M.M. included obtaining information on providing the staff of the department of residency, compliance with the qualification requirements for teaching staff. The policy of recruiting mentors, the system of motivation of teaching staff and mentors used in the university and its results have been analyzed.

**Supervisor** Department of Clinical Work Tulepbaeva G.S. reported to the experts on provision of resources for clinical practice and work of residents, on cooperation with clinical bases. Gulzhan Sovetovna gave a description of mentoring in residency, representation of residents in the consultative and advisory bodies (CAB) of the university. By order of the rector No. 231 of September 16, 2019, the University developed the Regulation on mentoring. Mentors are the staff of the department and doctors of practical health care of clinical bases. As mentors in the first year of training of residents, 18 employees of basic institutions were involved: SPE at REM "CPZ" and RSE on REM "Republican Scientific and Practical Centre for Mental Health"

Interview with chairperson of educational programmes committees Nurmakhanova Zh.M. and Ensegenova Z.Zh. The functions of the CEP include analysis of teaching methods, examination of the quality of educational programmes, approval of syllabuses, monitoring the compliance of teaching methods in relation to disciplines or topics of EP, distribution of disciplines by hours, semesters, policies and methods for assessing residents, score sheets for all types of assessment, review of control and measuring instruments, form conducting exams. Independent experts and a group of testers are involved in the work of the CEP, who monitor the quality of the lessons, the quality of writing tests. The experts analyzed the work of the CEP in residency, assessed the functions of this body.

Interviews with residents were held, while the EEC was divided into 5 subgroups for a more detailed clarification of issues related to training, resources and training methods. In total, 55 residents were present at the interview, of which according to the programme "7R01113 -" Psychiatry, including children's» 3 residents who answered the questions asked in detail.

**Interview with\_3\_ residents**, students on the accredited educational programme took place in an online format, answers were received to questions such as training, whether there are enough educational resources, the number of supervised patients at the clinical base. Residents supervise from 3 to 5 patients in the clinic, are on duty together with mentors, work in information systems, fill out medical documentation, and are engaged in scientific work. Experts asked questions about satisfaction with training at KazNMU, sufficient time for supervising 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 by the resource. In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, since they believe that KazNMU has good educational resources, image and international connections, residents noted the possibility of supervising patients with various mental pathologies, including children's and adolescents. both in a hospital and in an outpatient setting.

Residents showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgments on organizing training, assessing their skills, consulting support, opportunities to participate in research and development, funding, demonstrated competence in answering questions from foreign experts prof. R.A. Nasyrov (St. Petersburg) and Doctor of Medical Sciences, Associate Professor Ryzhkin S.A. (Moscow / Kazan).

**Interview with the head of the library** N.A. Modovov allowed us to estimate provision of the residency programme with educational, methodological and scientific literature, including electronic forms. So, according to the accredited programme, there is literature on psychiatry - 5150, on narcology - 418, of which 1021 are textbooks, 6 monographs, the authors of which are employees of the Department of Psychiatry and Narcology, there is access to international databases: Web of Science - webofknowledge.com, Elsevier - Sciencedirect - sciencedirect.com, Scopus - scopus.com, Cochrane

Library, DynaMedPlus, MEDLINE Complete, eBook Clinical Collection, RIEL - rmeb.kz, Epigraph database. , which provides an opportunity for residents and teachers to participate in research and development and other activities.

**Interview with the manager of SRIFM** named after Atchabarov Saliev Timur Muydinovich and deputy Balmukhanova Aigul Vladimirovna allowed the experts to learn about the scientific directions of the university, the system of motivation and participation in R&D of teachers of the departments of residency and residents, about the organization of R&D by residents on practice bases, the possibility of publishing R&D results of residents and teachers in journals, including university journals. KazNMU Bulletin.

One of the important tools for accreditation expertise is the conduct and **interviews with employers - representatives of practical health care**, which are not affiliated with KazNMU. A total of 15 people were interviewed, including the heads of medical institutions in the region and the city of Almaty. During the interview, it was possible to establish a high need for graduates of residency, directors and chief doctors of the institutions expressed a desire to undergo residency in the workplace, highly appreciated the preparedness of graduates, and their satisfaction with their knowledge.

An interview with employers on all educational programmes of residency of KazNMU declared for accreditation was conducted online and included such issues as: knowledge of the university mission, participation in the development of the mission and proposals in the strategic plan, participation in the deliberative bodies of KazNMU, 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, 100% employment of graduates of residency, etc. The demand for personnel of this specialty, the possibility of partial passing residency at workplaces in the regions.

Thus, during the first day of the visit, the expert validated the data of the self-assessment report of the educational programme according to standards 1,4,7,8 and partially 6.

### **The second day of the visit is May 27, 2021.**

In order to assess the resources that ensure the effective implementation of the educational programme, the expert visited the following clinical bases: Republican State Enterprise at the REM "Republican Scientific and Practical Centre for Mental Health", st. Amangeldy, h. 88; City Narcological Centre of Medical and Social Correction, st. Makataeva, 10.

A review of resources showed that the university's clinical bases for the implementation of an accredited educational programme are available for review at the time of an external visit, corresponds to the goals and objectives, since it has a sufficient number of thematic patients, modern equipment and demonstrates accessibility to students, and employees who simultaneously perform the role of teachers and curators (mentors), provide quality training in an ethical and deontological manner.

The equipment of clinical bases contributes to the high-quality organization of the educational process and the provision of specialized and highly specialized inpatient and outpatient care to the population of the region. The classrooms are equipped with personal computers, multimedia installations, office equipment. For a number of years, the clinic has been carrying out a phased work aimed at solving the problems of ensuring the safety of patients, residents, and medical staff of the institution.

Clinical bases have a sufficient bed fund, there are male and female departments and a children's and adolescent department, where residents have the opportunity to supervise patients with various mental disorders, and the Department of Psychiatry and Addictions - a sufficient number of classrooms for conducting practical exercises of independent work of residents.

Before the start of 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 training.

The experts examined the documentation on the educational programme\_"7R01113 -" Psychiatry, including children's" by the link <https://drive.google.com/drive/folders/1FjbOSq->

JcHvquVn42DkTdJ5p-VCFLmbb?usp=sharing/, which confirmed the compliance with accreditation standards, including documentation of teachers and resident mentors Chairs psychiatry and narcology and at the request of EEC members. Were introduced supporting documents (feedback from employers on the educational programme, feedback on residency graduates), results of a survey of residents on satisfaction with the educational process, documents on the scientific work of residents (participation in conferences, publications), information on the employment of graduates of residency in the specialty "Psychiatry" for the last 5 years, information on clinical mentors (experience, category). All information has been studied and analyzed for compliance peer-reviewed educational programme. The experts studied the documents of the residents (portfolio, results of assessment of residents, checklists, results of a questionnaire survey of residents). Portfolio of a resident studying in a specialty "Psychiatry, including children's" consists of the Resident's Individual Curriculum, Duty Schedule - 4 times a month, every Saturday, Duty Scorecard - The Clinical Mentor assesses the resident on clinical, practical knowledge, the resident's timely appearance on duty, Clinical Analysis Scorecard case - the Resident is graduated a clinical case in which he collects an objective, subjective anamnesis, then formulates the mental status, the alleged nosological diagnosis and the choice of further treatment tactics with a clinical mentor, the Assessment sheet for the implementation of a practical skill - the Resident is assessed by communication skills, adherence to the examination scheme and the procedure for identifying psychopathological symptoms, correct description of the patient's appearance, behavior and emotional manifestation, substantiation of the symptoms and syndromes of the disease, the Assessment sheet of filling out medical documentation - the Resident is assessed by the quality of filling out the medical documentation (medical history, medical record, diary entries), the Assessment sheet of the midterm control - the Resident is assessed according to the material learned once every 3 weeks, Certificates - Availability of certificates for participation in conferences, scientific projects, etc.

The expert visit included a visit **simulation center of KazNMU**, located on Shevchenko street and equipped with 500 units. modern equipment. The area of the centre is over 2.7 thousand square meters. meters. In a conversation with the head of the simulation centre, Dr. med. Talkimbaeva Nayley Anuarovna found out that the residents' classes are held according to the schedule and the topics are integrated into the work curricula.

A visit to the School of Pediatrics and an interview with the dean of the School of Pediatrics, Saule Ilyasovna Sydykova, took place.

An overview of the resources of the School of Dentistry in the context of residency programmes. And about. Dean of the School of Dentistry - Dilbarkhanov Basymbek Perdebekovich. Test Centre Resources Overview. Proctoring system.

Head of the Testing Centre - Shonbasova Maral Beibitzhanovna. When visiting the Testing Centre, the members of the EEC were familiarized with its work. The number of computers is sufficient for taking the test exam - 190. The proctoring system is functioning, which provides conditions for conducting the exam and monitoring it remotely. This technology allows not only to identify a person, but also to record violations detected during the exam using a webcam. The experts were familiarized with the terms of the appeal.

Visit the registrar's office. Head of the Registrar Office - Gulnaz Sotsialovna Nabieva Virtual office registrar (demo for experts). Supervisor of the Registrar's Office presented the work of the service that records the entire history of the student's academic achievements, monitoring and organization of work on registration and choice of disciplines, processing of current, midterm and final progress, issuing transcripts. She answered questions of interest to experts.

**Interview with teachers**, as providers of the residency programme, showed that there are both successes and problems in the management of the educational programme, since the main developer of programmes and educational and methodological documentation is **Dean's office of postgraduate education** and trainers are more involved in resident hands-on training and mentoring. In order to verify the data of Standard 5, external experts obtained information about personnel policy and approaches to the development of pedagogical competence of teachers, motivation to work with residents, and mentoring. The experts found out that teachers initiate research topics for residents

(resident psychiatrists participated in Central Asian Congress urologist CACU, the work of the IX Scientific-practical conference with international participation "Kayshibaev readings", as a member of the research group of the scientific and technical project "Development of a prototype software solution based on Artificial Intelligence to automatically identify potential facts of physical bullying in educational institutions"), Stimulate the need for additional training and independent work with literature, medical documentation.

In order to validate the performance of the self-assessment report data and obtain evidence of programme quality, 55 residency alumni were interviewed on the zoom platform. During the interview, questions were asked about satisfaction with the disciplines of the specialty, about the scientific work performed. Resident psychiatrists Bauyrzhankyzy Zhuldyz, Arysbaeva Albina, Ismagulova Zamira actively answered questions. For example, Albina Arysbayeva told that she has the opportunity, in her free time from studies, to perform the functions of an operator at the Republican Scientific and Practical Centre for the Prevention and Treatment of the Centre for Treatment and Treatment, and to carry out scientific work, together with other residents, wrote an article on the topic: "Mental health of physicians working during the COVID-19 pandemic", which was adopted for publication in the journal "Questions of Mental Medicine and Ecology". The residents noted that they like their chosen profession, some of them are going to continue their studies in doctoral studies.

In order to assess compliance with Standard 6, the experts were shown a distance learning platform and showed how it is used in training residents. For example, AIS-KazNMU, digital services. The use of the Sirius electronic system contributes to digitalization, transparency of methods for assessing residents. The results of the residents' achievement are displayed in the electronic journals of the AIS "Sirius" system. The Scientific Library has also started working in the Sirius programme in the Library Module. Work has been done to convert the catalog from the KABIS programme to Sirius. New literature is being introduced into the programme, and readers are being served through Sirius. The service "UDC-online" was also introduced, i.e. the reader has the opportunity to send an article through his personal account without visiting the library. The work on the implementation of the Sirius programme to improve the functionality continues. The automated service "return-issuance" of documents was introduced at all points of issue based on the Sirius programme. Educational literature of all Schools has been assigned barcodes.

Further, a meeting of the EEC members was held on the results of the external assessment, and the experts came to the conclusion that during the second day of the visit it was possible to find evidence of compliance with standards 2,3,6,7.

### **The third day of the visit - May 28, 2021**

An online meeting was held with the head of the youth policy department, Askarov Elnur, and questions were asked about the participation of residents of the accredited programme in the volunteer movement, helping patients with COVID-19, and image work. During the interview, it was revealed that there is little or no representation of residents in the youth policy department and advisory bodies.

Further, a final discussion of the results of the external assessment, study of documents, results of interviews, interviews, questionnaires was held. Generalizations of the results of the external assessment are made. The members of the EEC began to design the final report of the EEC. The expert individually completed the "Quality profile and criteria for external evaluation of the educational programme of residency in the specialty "7R01113 - "Psychiatry, including children's" for compliance with 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 educational one were discussed. Write period = 5 leprogram. A draft report with recommendations was prepared.

By the chairperson of the EEC prof. Morenko M.A. a final open vote was held on recommendations to improve the educational programme of residency "7R01113 - "Psychiatry, including children's" and a final vote on the recommendations for the ECAQA Accreditation Council - to accredit this programme for a period of 5 years. 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.**

On May 26, 2021, an observer from ECAQA conducted an online survey of residents of the Asfendiyarov Kazakh National Medical University (KazNMU) as part of the accreditation of educational programmes for residency specialties. on the resource [https://webanketa.com/...](https://webanketa.com/)

The survey included 24 questions, allowing to draw conclusions about the respondents' attitude to the organization of the educational process and identify the existing problems.

#### **Residents survey results:**

The total number of responding residents - 200... Of these, 46.5% are residents of the 1st year of study, 33% are residents of the 2nd year of study, 15.5% are residents of the 3rd year of study and 5% are graduates of the KazNMU residency programme.

According to the results of the survey, 83% of respondents fully agree that they would recommend studying in this educational organization to their acquaintances, friends, relatives, partially agree - 15.5%, and completely disagree with this statement 1.5% (3 people). Fully agree with the statement that programme managers and teachers are aware of the problems of residents related to training, 83.5% of residents, 14% partially agree, 1% strongly disagree (2 people), 1.5% doubt the answer (3(3ople).

According to the survey results, 86.5% of respondents believe that programme managers and teachers constantly involve students in the work of advisory bodies (methodological council, academic council, committees of educational programmes), 4% answered that no, they do not involve, while 3.5 % do not know about it, 3% doubt the answer, and 3% expressed the opinion that they are sometimes involved in this work.

78% of residents are fully satisfied with the conditions and equipment of classrooms, classrooms of this educational organization, partially - 14.5%, completely dissatisfied - 3.5%, partially dissatisfied - 3%.

81.5% of residents answered that they personally have access to equipment (educational and real) in order to master practical skills in their specialty, partially agree - 7%, 6.5% - partially disagree, while 2.5 % doubt the answer and the same number of respondents completely disagree with this statement.

Fully 82.5% of residents were provided with the necessary educational literature, 13% answered that it was partially, while 2.5% believed that they were not provided with the necessary literature. 86% of respondents fully agree that teachers provided them with methodological and didactic materials, additional literature to prepare for classes, 10.5% - partially agree, 2% - completely disagree, 1.5% doubt the answer.

71.5% of residents confirmed that at this time they are engaged in scientific work under the guidance of their teacher or mentor, 13.5% have started planning the implementation of research, 11% have not yet decided on the topic of research, 2.5% have no desire to engage in research, 1.5% doubt the answer.

73.5% of residents are completely and 20.5% are partially satisfied with the library fund of KazNMU, while 2.5% did not give an answer, 2% are partially dissatisfied, 1.5% are completely dissatisfied. According to the results of the survey, 83.5% of the respondents are completely satisfied with the organization of teaching, 14.5% - in part, 1.5% - are not satisfied.

87% of residents believe that there is sufficient time for practical training, 8% - partially agree with this statement, 2% - completely disagree, 1.5% - partially agree, and the same number of people doubt the answer. The schedule of training sessions is fully satisfied with 85% of the respondents, 14% - partially. 91.5% of residents are completely satisfied with the methods of assessing knowledge and skills, and 7.5% - partially.

Of all the respondents, 84% answered that teachers regularly use active and interactive teaching methods in the classroom, 12% expressed the opinion that such teaching methods are used only

occasionally, and 1.5% believe that they are rarely, and the remaining 2.5% answered, that they doubt or do not know what it is.

According to the survey results, 88% answered that after the end of the class, the teacher constantly conducts feedback with them, 8.5% believe that sometimes, 1.5% answered that it is rare, and the remaining 1.5% have never encountered this.

When asked about the number of seminars held during the month within the EP residency, 71.5% answered that the seminars are held once a week, 18.5% answered that two or three times a week, 5.5% - held daily, 2.5% believe that it is very rare.

94% of residents are sure that this educational organization allows them to acquire the necessary knowledge and skills in their specialty, 3% are not sure about this, and 2% cannot yet answer this question. Of all the respondents, 76.5% give an excellent assessment of the organization of clinical training, 17.5% have a good impression, 3% cannot rate it yet, and 2% are not satisfied.

We completely agree that the teacher (mentor, curator) of this educational organization is an example for them as a professional doctor, a person, 91% of residents, 7.5% answered that not all teachers of this educational organization are an example, while 1% is completely do not agree.

89% of respondents are completely satisfied with the number of patients for supervision or assistance during operations, 8% - in part, 1.5% - completely dissatisfied.

The majority (86%) of respondents believe that the accreditation of an educational institution and educational programmes is an important and necessary mechanism for ensuring the quality of education in residency, 6% doubt the answer, 5.5% do not know what it is.

50% of residents believe that an interview with the university management is the most important tool for external expert evaluation, 46.5% chose the option "interview with teachers", 39.5% consider interviews with residents as such, 38% answered that interviews with mentors of residents, 29% - interviews with university graduates, 28.5% - an overview of the resource base for training residents, 25.5% - attending practical classes and seminars.

**Conclusions:** By their responses, residents generally expressed satisfaction with the organization of education in general, as well as with the conditions of training, access to equipment, time for practical training, the number of patients for supervision, and the organization of teaching.

### **Results of the survey of teachers of residency programmes:**

The ECAQA observer, as part of the external assessment programme, conducted an online survey on May 26, which included 23 questions, allowing to draw conclusions about the attitude of teachers to the organization of the educational process and identify existing problems.

The total number of teachers on the list is 64, including those with up to 5 years of experience - 7.81%, up to 10 years - 20.31%, over 10 years - 71.88%.

Of all the respondents, they teach in the educational programme of the therapeutic profile - 48.44%, the surgical profile - 29.69%, the pediatric direction (including pediatric infections and neonatology) - 4.69%, the diagnostic direction (functional diagnostics, radiation diagnostics) - 4.69%, oncology, radiology, radiation therapy - 6.25%, dental profile - 6.25%.

Of all the respondents, 84.38% are full-time teachers, 6.25% are part-time teachers, 6.25% are not involved in teaching residents, 1.56% are mentors, 1.56% are not related to residency programmes.

84.38% are completely satisfied with the organization of the educational process, partially - 15.63%. According to the survey, 84.38% of teachers fully agree that ethics and subordination are observed in KazNMU, the remaining 15.63% believe that it is partially. 75% of respondents are completely satisfied with the organization of work and workplace, 23.44% are partially, and 1.56% (1 person) are not completely satisfied. The organization has an opportunity for career growth and development of competence for teachers: 75% fully agree, 25% partially.

70.31% of respondents fully agree that in this educational organization, teachers have the opportunity to engage in scientific work and publish the results of research, 28.13% - partially agree, and the remaining 1.56% (1 person) - completely disagree. According to the survey results, 46.88% of

respondents are completely satisfied with the salary, 17.19% - More NO than YES, 15.63% - more YES than NO, 12.5% did not give an answer, 7.81% - completely dissatisfied.

70.31% confirmed that they personally participate in the development of teaching materials for the residency programme, 17.19% participate partially, 6.25% answered that they are provided with ready-made methodological developments, 4.69% doubt the answer.

64.06% of respondents studied at professional development courses from 1 to 5 years ago, 35.94% - during this year.

More than half of the respondents (51.56%) hold seminars with residents once a week, 15.63% - 2-3 times a week, 12.5% - daily, 7.81% - 1-2 times a month.

According to the survey results, 84.38% of teachers fully agree that they can be realized as professionals in their specialty in this educational organization, and 10.94% agree partially, 3.13% partially disagree.

76.56% of respondents fully agree that the organization has enough equipment and resources to conduct training for residents on accredited programmes, 20.31% - partially agree.

75% of respondents are fully satisfied with the work of the postgraduate education department, 20.31% are partially, the rest are not satisfied or have doubts about the answer. Regarding participation in conferences (international, republican), 29.69% did not contact the management on this matter, 26.56% did not give an answer, 18.75% answered that the organization supported their participation by paying for travel, travel expenses, registration fees, 7.81% answered that they no expenses are paid, 7.81% found sponsors, 6.25% are supported only by fare.

The majority of respondents (93.75%) fully agree that residents have free access to patients at clinical sites and all conditions for improving their practical skills, 6.25% - partially agree. The teachers answered that during the classes, they have a syllabus and a CDM (87.5%), control and measuring instruments (78.13%), cases (65.63%), an educational journal (54.69%), monographs (35.94%), a registration journal mining (20.31%).

The level of previous training of residents upon admission to training programmes is fully satisfied by 40.63% of the respondents, partially - 51.56%, at the same time, 1.56% completely disagree with this, 6.25% did not give an answer.

57.81% know about the implementation of social programmes to support teachers, 29.69% do not know about it, 7.81% doubt the answer, 3.13% have already used it. Of all the respondents, 67.19% note that the organization's management systematically listens to the opinion of teachers in relation to issues on the educational process, research and development, clinical work, 26.56% believe that sometimes, 4.69% did not give an answer.

In the process of training residents, a variety of training methods are used, but more often the analysis of situational tasks (78.13%), the preparation and solution of cases (64.06%), work in small groups (64.06%), problem-oriented training (60.94%), interactive training (60.94%), oral questioning of students (54.69%), oral analysis of the topic (50%), solution of tests (43.75%), practical training in clinical skills in a clinical training centre (42.19%).

70.31% of the respondents fully agree that this survey is useful for developing recommendations for improving the key areas of activity of this organization, 15.63% partially agree with this, 12.5% found it difficult to answer. Of all respondents, 67.19% believe that accreditation of educational programmes is an important and effective mechanism for ensuring the quality of postgraduate education, 28.13% did not understand what accreditation is, 23.44% expressed the opinion that it is, but in combination with other mechanisms (certification, audits, independent assessment of students' knowledge).

**conclusions:** the survey showed that the majority of the interviewed teachers are satisfied with the organization of the educational process, observance of ethics and subordination, organization of labor and workplace, the opportunity for career growth, the opportunity to engage in scientific work and publish the results of research

The results of the questionnaire are presented in the Attachment and, in general, demonstrate satisfaction with the educational process, the resources of the clinical base, the competencies of teachers, and also indicate the presence of a centralized management of educational programmes.

### **Conclusion on the basis of the external evaluation:**

Members of the EEC have carefully studied and evaluated the main indicators of the accredited educational programme. The information obtained by the expert during the study of the self-assessment report, during the preparation of a written review with recommendations for improvement, during the implementation of the activities of the visit programme was analyzed at KazNMU from 26 to 28 May 2021. All the information received was compared with the data of the self-assessment report, the information was validated for each criterion of the accreditation standards and the indicators of the Attachment to the self-assessment report were verified, which made it possible to ensure the reliability of the provided university information and supporting 51 applications in PDF form, electronic versions by reference in googledisk - 32 documents for compliance with ECAQA Accreditation Standards.

Despite the fact that in the self-assessment report of the educational programme NCIE described his real educational practice in postgraduate education. Before visiting the organization by examining the attachments to the report provided by the postgraduate education department and access to googledisk <https://drive.google.com/drive/folders/1FjbOSq-JcHvquVn42DkTdJ5p-VCFLmbb?usp=sharing>, experts reviewed 32 documents, as well as during an external expert evaluation by 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, interviews were conducted with employers and mentors of residents who noted good training), resources on residency on the website <https://kaznm.kz/>, which made it possible to identify the compliance of the educational organization's activities with the basic accreditation standards.

During the external examination, it was found that the Rules for the training of medical personnel in residency were observed (order of the Minister of Health of the Republic of Kazakhstan dated September 18, 2018 No. KR DSM-16). The volume of the study load and treatment and prophylactic work by sections of the educational programme is determined by the individual work plan of the resident (clause 14) for one year and is monitored by monthly reports of the resident in an arbitrary form. The accounting of completed tasks is drawn up in the form of a portfolio according to the recommendations in the syllabus; checklists have been developed to assess practical skills.

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 the educational programme of the specialty "Psychiatry, including children's", blocks of work are separately spelled out in cooperation with the Laboratory for Assessment of Public Health Risks and the Centre for Experimental Pharmacology (CEF).

Atchabarov Research Institute of Fundamental and Applied Medicine

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 No. 360-VI ZRK dated July 7, 2020,

external experts studied the activities and conducted conversations with mentors of residents, and it was established that each resident was provided with a mentor.

The experts took into account the fact that the accredited educational programme "7R01113 - "Psychiatry, including children's" according to the current State Standard of Education, it is being implemented within 2 academic years, therefore, at this time there is no graduation of students, nevertheless, the entire educational, methodological, personnel and resource base has been 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, 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 evaluation of residents, the development of the content of individual plans of residents and choosing mentors. The mentor is a practical health care physician with the first / highest category and work experience of at least 5 years, contributing to the acquisition of practical skills by residents. For example, on the basis of the RSE at the RPC "CPZ" mentor Khudair Zhanna Rafkhatovna - Deputy Director for Quality Control of Medical Services and Patient Support Services - a doctor of the highest category, has 20 years of work experience, under her supervision, residents are trained in practical skills in diagnostics and treatment mental patients. On the basis of the RSE at the REM, the mentors are Viktoria Slavovna Boyko, a doctor of the highest category, with more than 35 years of experience, is the head of the psychotherapy department, Irina Gennadievna Lenskaya, chairperson of the LCC, a doctor of the highest category, with more than 40 years of experience. Mentors supervise the clinical process of preparing residents, maintaining medical records,

Recommendations for improving activities in the implementation of the educational residency programme for specialties 7R01113 - "Psychiatry, including children's" 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 May 28, 2021.

The programme of the 3-day visit (May 26-28, 2021) of the external expert assessment of the EEC has been completed in full. On the part of the university staff, the participation of all persons indicated 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 the employees of KazNMU responsible for the postgraduate education, the high degree of openness of the team in providing information to members of the EEC.

#### **4. Analysis for compliance with accreditation standards based on the results of an external assessment of the educational residency programme in the specialty "7R01113 - "Psychiatry, including children's" and an overview of the strengths for each standard.**

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

Mission of the educational programme (EP) in the specialty 7R01113 - "Psychiatry, including children's" is aimed at realizing the mission of the University by training a qualified doctor, a specialist in psychiatry, possessing a system of universal knowledge and professional competencies, capable and ready for independent professional activity in the treatment of mental illnesses. The educational programme was developed by the staff of the department (discussion in a working group, at a meeting of the department), in the CEP (Protocol No. 4 dated 03.03.2020), the Academic Committee (Protocol No. 3 dated April 20, 2020) and approved by order of the vice-rector for academic activities No. 366 dated 08.24. The mission of the EP was brought to the attention of all employees of departments,

residents by placing syllabuses and information about the residency on the university website ([www.kaznmu.kz](http://www.kaznmu.kz), website "Residency").

The Department of Psychiatry and Narcology of KazNMU strictly followed the requirements of the State Educational Standard of the Republic of Kazakhstan and the provisions of the IWP when developing the compulsory part of the educational programme, therefore, it clearly formulates the competencies and skills that a resident will receive as a result of training. At the same time, elements of institutional autonomy have been introduced at the Department of Psychiatry and Narcology of KazNMU, i.e. she independently develops and implements residency programmes, compiles syllables, IEP, WC.

For the successful implementation of training, work is being carried out to inform residents about the structure and expected results of training. Residency studies are focused on practice, so clinical work is 75%, theoretical training is 10%, independent work is 15%.

Currently in residency 67 residents are studying at the Department of Psychiatry and Narcology of KazNMU in the specialty "7R01113 -" Psychiatry, including children's"... Residents participate in the process of evaluating the educational programme by expressing their opinions and wishes at the end of the course or mastering a specific discipline when questioning. Residents can send their suggestions and comments on the organization of the educational process directly to the postgraduate education department.

There is an Ethics Council at the University (for the Regulation see <http://kaznmu.kz/rus>), which serves as a public body responsible for ensuring the implementation of the Code of Integrity for teachers and students of KazNMU and for considering violations of the Code of Integrity in the form of a fair and impartial hearing. The University Ethics Council is established for faculty and students / residents.

If the resident encounters difficulties, the curator, the staff of the department, the dean's office are trying to find a way to overcome the crisis - they provide the opportunity to work out classes, if they are skipped for a good reason, the possibility of academic mobility, transfer within the university (to another EP or language department), transfer to another university. In case of absences due to illness, the possibility of obtaining an academic leave is provided. All of these points are detailed in the University's Academic Policy.

Thus, during a visit to the Department of Psychiatry and Narcology of KazNMU, experts established compliance with the basic criteria of the accreditation standard: the presence of a mission, strategic objectives of the programme, participation in the development of the mission of stakeholders (employees, teachers, residents' assets), residents are informed about their final results from the first day of classes are provided with resources and a practice-oriented educational programme. The effectiveness of the educational programme is evidenced by 100% employment.

**Strengths:**

1. KazNMU has procedures for the development and adoption of legal acts and their management.
2. The medical organization contributes to the formation of professionalism among residents through the implementation of academic autonomy.
3. The educational programme in the specialty 7R01113 - "Psychiatry, including children's" was developed taking into account the proposals of employers and other interested parties, based on an analysis of the needs of practical health care
4. The main focus of the educational programme is "patient-centered training" of residents, for the achievement of which residents are trained in multidisciplinary hospitals, research centres, with a sufficient number of patients with various pathologies corresponding to the cycle of disciplines.
5. Resident psychiatrists are actively working to address the social determinants of health: they participate in health education events, Open Doors Days, volunteer movement, during the coronavirus epidemic they worked in provisional and infectious diseases hospitals, polyclinics.

**Conclusions of the EEC on the criteria.** Out of 17 standards conform: completely - 12, significantly - 5, partially - 0, do not correspond - 0.

**Standard 1: completed**

## **Standard 2: EDUCATIONAL PROGRAMME**

In order to improve the quality of educational activities at the Department of Psychiatry and Narcology of KazNMU, a system of internal quality assurance has been created, based on international standards and guidelines to ensure the quality of higher and postgraduate education. KazNMU has developed a model of the competence of residents, spelled out in the EP, approved at a meeting of the University Council (Minutes No. 10 of June 19, 2019). The final results of the training of residents are the provision of training of qualified, competitive personnel that meet modern requirements for the quality of medical specialists for independent work in the specialty "Psychiatry, including children's".

The structure and content of the working curricula correspond to the State Educational Standard RK 2020 specialties "7R01113 -" Psychiatry, including children's". The discipline programmes are developed at the proper scientific and methodological level. The sequence of studying disciplines is built using a system of pre- and post-requisites. In accordance with the classifier, the specialty is also legitimate for the graduate upon completion of the educational programme a certificate of completion of residency with the assignment of the qualification of a psychiatrist is graduated, an attachment to the certificate (transcript) with an indication of the list of disciplines studied with grades, the volume of academic hours. A graduate who has completed training is allowed to independent practice as a doctor in the manner prescribed by law; has the right to continue further education in doctoral studies. EP in the specialty 7R01113 - "Psychiatry, including children's" is designed for 2 years of study (140 credits). Major disciplines (psychiatry, including children's inpatient psychiatry and outpatient psychiatry (amount to 128 credits, related discipline - 4 credits, optional component - 4 credits).

To improve the quality of educational activities, KazNMU has organized a department of academic quality. The department ensures the internal quality of educational activities (ESG). The documented quality procedures (pr. No. 10 dated 09.12.2019) indicate that the quality management policy is reflected in the main documents: "[Quality policy and objectives](#) for 2019-2021 (pr. No. 11 of 28.08.2018), "[Strategic development plan 2017-2021](#) with additions and amendments dated 05/10/2018 (Pr. No. 3 dated 05/30/2018), "Quality Manual" (Pr. No. 10 dated 12/09/2019), which reflects the main areas of activity officially formulated by the management, which follows the university to fulfill its mission. [https://kaznm.kz/rus/wp-content/uploads/2010/07/rukovodstvo\\_po\\_kachestvu\\_2019.pdf](https://kaznm.kz/rus/wp-content/uploads/2010/07/rukovodstvo_po_kachestvu_2019.pdf)..

The ability for constant professional growth of a resident is reflected in the "Portfolio", which is formed from the moment of admission to the residency by the students personally. Equipping clinical bases, in particular, the ability to conduct diagnostic search and treatment measures, allows you to effectively implement practical teaching methods with the active participation of residents, such as: analysis of clinical cases, case management, examination of the quality of medical care and medical documentation, work in primary health care. - sanitary care, attending medical conferences, consultations, teaching using web technologies); learning through research (participation in research and development).

Resident training methods include: seminars, webinars, conferences, case studies, problem-based learning (PBL); Case-Based Learning (CBL), Team-Based Learning (TBL); simulation-based teaching, role play, brainstorming, group discussion method, portfolio, combination survey, small group teaching, simulation technology, presentations. The resident training programme provides for the implementation of various forms of educational and research work, while some residents are involved in the implementation of scientific and technical projects carried out by teachers.

Training of residents at clinical sites is carried out under the guidance of curators who are appointed from among the teaching staff who have the academic degree of doctor, candidate of medical sciences, as well as the highest or first qualification category. In addition to the curator, a mentor is assigned to the resident - a doctor of practical health care with high qualifications. By order of the rector No. 231

of September 16, 2019, the University developed the Regulation on mentoring. As mentors in the first year of training of residents, 18 employees of basic institutions were involved: SPE at REM "CPZ" and RSE at REM "Republican Scientific and Practical Centre for Mental Health"

The assignment of mentors to medical bases allows residents to work daily with modern equipment and medical equipment of clinics. Mentors take an active part in the training of young specialists, transfer the accumulated experience of professional skills to the young specialist, teach the most rational techniques and advanced methods of work. Mentors in residency are appointed annually in September by order. No more than 3 residents are assigned to each mentor.

Thus, during a visit to the Department of Psychiatry and Narcology of KazNMU, experts established the compliance with the basic criteria of the accreditation standard: a developed and approved educational programme that meets the requirements of the State Educational Standard of Education 2020 and is implemented in a student-oriented and patient-oriented environment in the best clinics of the city. The educational programme is provided with appropriate methodological documentation and documents accompanying residents (guide, Code, Portfolio structure, EMCD, syllables). Teachers have introduced and effectively apply various teaching methods, mainly of a practical nature, and involve residents in research, which contributes to the formation and development of competencies in the specialty.

#### **Strengths:**

1. The University has developed educational programmes based on the competence-oriented model of the graduate of residency, which are characterized by flexibility and responsiveness in accordance with the needs of society and the labor market.
2. Credit-modular is used system and integrated approach to training in the preparation of residents.
3. A catalog of elective disciplines is formed annually, taking into account the needs of practical health care.
4. Residents work with real patients to develop professional competence in various clinical settings - research institutes, highly specialized, multidisciplinary hospitals, polyclinics.

**Conclusions of the EEC on the criteria.** Out of 30 standards correspond: completely -19, significantly -11, partially - 0, do not correspond - 0.

**Standard 2: completed**

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

The general policy, principles, methods used to assess residents in KazNMU are annually reflected in the "Rules for organizing the educational process", as well as in the work programmes and syllabuses of each discipline graduated to students. The assessment of the educational achievements of residents is carried out on the basis of indicators of the level of formation of competencies developed by departments / modules in various forms: control questions, tasks in test form (MCQ tasks with several options for correct answers), a list of practical skills, situational tasks, clinical situations, tasks and others. works. The review of control and measuring instruments is carried out at several levels - within the department - from an employee of the department, inside the university - from a university employee, or external expert evaluation, when employees of external organizations, associations or employers act as reviewers. Reviews are recorded at a meeting of the department or meetings of the CEP.

The mark for the exam, annual and final attestation is derived as the average of the marks of the two stages (theoretical and practical). The results of the residents' achievement are displayed in the electronic journals of the AIS "Sirius" system.

The University uses additional methods for assessing residents, such as portfolio, assessment of scientific activities. Assessment methods are developed by the department and reflected in the syllabuses approved at the meeting of the department and the CEP.



Evaluation of seminars, presentations, practical skills, etc. is carried out according to checklists developed by the staff of the Department of Psychiatry and Narcology, implementing a residency programme in various specialties.

Intermediate certification is carried out in accordance with the academic calendar, working curriculum and educational programme developed on the basis of the state educational standard and standard curricula for the specialty 7R01113 "Psychiatry, including children's" and syllabuses by discipline.

The organization and conduct of intermediate certification of residents is carried out by the Office of the Registrar together with the dean of the faculty. In accordance with the "Regulations on the current monitoring of progress, intermediate and final certification of residents of the NJSC KazNMU" (Minutes No. 9 of 11.11.19) and in [University academic policy](#) for the 2020-2021 academic year (protocol No. 5 of 08/28/2019), the FSA examination committee is appointed by order of the rector, includes professors, associate professors, doctors from practical health care with more than 5 years of experience in the specialty.

The final certification is carried out according to the rules and with the assistance of the RPA "National Centre for Independent Examination" (NCIE). The positive results of the assessment of knowledge and skills serve as the basis for the issuance of a specialist certificate.

With a decrease in the progress of residents and insufficient reliability of the applied control methods, the Department of Psychiatry and Narcology analyzes the reasons and makes decisions on the necessary measures for processing test tasks, control questions, situational tasks and other control and measuring materials.

After the exams, residents are questioned to study their opinions on the quality of teaching the discipline, the exam procedure, the results of the sessions are analyzed by the department and at the Council of the Faculty of Internship and Residency. In the 2019-2020 academic year, the analysis was carried out on a scale Bell Curve, after which an action plan is drawn up to eliminate the identified deficiencies.

#### **Strengths:**

1. The system of monitoring the educational achievements of residents is complex and is aimed at assessing the final learning outcomes.
2. Portfolio assessment allows you to assess the development of the resident's competencies: personal interest, clinical competence, communicative, personal qualities, scientific interest.
3. The quality of the control and measuring equipment undergoes a multi-stage check;
4. The use of the Sirius electronic system, proctoring and office registrar contributes to digitalization, transparency of methods for assessing residents.

**Conclusions of the EEC on the criteria.** Conform from 11 standards: fully - 3, significantly - 8, partially - 0, do not correspond - 0.

**Standard 3: completed**

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

- 1) Regularly analyze and evaluate the quality of the methods used and the assessment format for the validity and reliability of the final learning outcomes (3.1.4).

#### **Standard 4: STUDENTS**

Admission to residency is carried out in accordance with the Order of the Ministry of Education and Science of the Republic of Kazakhstan "On Approval of the Model Rules for Admission to Training in Educational Organizations Implementing Educational Programmes of Higher and Postgraduate Education" dated October 31, 2018 No. 600, State Educational Standard of the Republic of Kazakhstan - 2015, 2019 and the Rules for admission to residency of KazNMU for the current academic year. EP residency implies a clinical orientation of training and in-depth specialized training in the relevant specialty.

The conditions for admitting residents are described in detail in "[Rules for admission to residency](#)» for the corresponding academic year, based on regulatory legal acts.

The university has a selection committee. The Resident Consulting Service is represented by the selection committee, the dean's office (dean, deputy dean, chief specialist, specialist), staff of the registrar's office, DIT, library, curators, clinical mentors, military department, accounting, head of legal and passport and visa work. The procedure for conducting examinations is presented, during which an examination commission is formed, which includes the most experienced, qualified university teachers with an academic degree.

The number of residents in the specialty "Psychiatry, including children's» is determined based on the possibilities of clinical training, as well as the needs of practical health care.

The training of residents is carried out at 3 clinical bases, represented by specialized hospitals, a scientific centre, with a sufficient number of patients with various pathologies. The residents are curated by experienced teachers - professors, associate professors, assistants with the highest qualification category in psychiatry, child psychiatry and narcology.

Persons who have scored the highest scores on the entrance exam are enrolled for training on a state educational order on a competitive basis: for residency - at least 75 points. Assessment of knowledge based on a point-rating system, taking into account all forms of activity - scientific, educational, etc. - ensures the validity of the procedure for admitting residents and guarantees the availability of the necessary basic knowledge of applicants.

In order to ensure compliance with uniform requirements and resolve controversial issues at the University, an appeal commission is created to consider appeals, the working conditions of which are described in the "Model rules for admission to training in educational organizations that implement professional curricula of postgraduate education" (Order No. 600 with additions and changes to June 2020), in the "Academic policy of KazNMU for 2020-2021", in the "Rules for admission to residency for the 2020-2021 academic year" (Protocol No. 10 of 07/15/2020).

According to the residency regulation, the ratio of residents in the specialty "Psychiatry, including children's» per teacher is 1: 3.

To implement the competence-oriented Model of medical education, the University operates a system of academic consulting for residents in departments. By the order of the vice-rector for academic activities, a curator is assigned to the resident, who provides the functions of an academic mentor, participates in the formation and implementation of an individual curriculum, guides 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 coordinate the training of a resident in the process of mastering practical skills and competencies in accordance with the EP, which is reflected in Chapter 5 of the "Academic Policy of the University".

Academic advisory work at the Department of Psychiatry and Narcology includes counseling residents throughout the training and before the intermediate and final certification.

Social assistance is provided to those in need in accordance with the "Regulations on the provision of social assistance to students and teachers" (order No. 10 of 09.12.2019).

The University has developed a programme of social support for residents, in accordance with the Labor Code of the Republic of Kazakhstan, the Law on Trade Unions and the Collective Agreement, source: university funds (budgetary and non-budgetary), funds of the workers' union, funds of the student union and other sources (from the speech of the chairperson of the trade union of KazNMU Altynbekov S.A., 2019).

Residents receive information about support services based on the information provided at the stands of the departments, the dean's office and the University website [www.kaznmu.kz](http://www.kaznmu.kz), where it also operates [rector's blog](#), an internal information forum, and provided information on the National Helpline for Children and Youth (150).

[Graduate Career Centre](#) conducts work on vocational guidance with applicants, bachelors; promotes employment of graduates of the University together with the dean's office; establishes close ties with education, health care, employment services; coordinates the work of all structural divisions of the University on vocational guidance issues and promotes the employment of graduates.

The University operates [Department of Youth Policy](#), the structure of which includes the Department for educational work and social support of students, a group for the development of student self-government.

**Strengths:**

- 1 High commitment and continuity of residency students to this university.
2. Availability of a comprehensive, unified policy of admission and support of residents throughout the entire period of study, provided with sufficient resources (regulatory and legal framework, personnel, material, technical and financial support);
3. Permanent access of residents to the provision of medical care to the attached population at the clinical base;
4. The University has a variety of ways to implement the personal growth of residents.

**Conclusions of the EEC on the criteria.** Out of 30 standards conform: fully - 18, significantly - 10, partially - 2, do not correspond - 0

**Standard 4: completed**

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

- 1) Expand the representation of residents in the development of policies for the admission and selection of residents (4.1.8).
- 2) Expand opportunities for residents to participate in the youth policy department and other advisory bodies (4.3.8).

**Standard 5: ACADEMIC STAFF / FACULTY**

The University applies effective and transparent recruitment and appointment criteria for faculty positions and guarantees equal employment opportunities consistent with legal requirements and any other selection criteria.

The Department of Psychiatry and Narcology has a sufficient number of teachers for the successful implementation of the educational programme for residency in the specialty 7R01113 "Psychiatry, including children's."

To work with residents in the 2020-2021 academic year, 7 employees were involved, including 1 professor, 2 associate professors, 3 assistants with the highest qualification categories in their specialty. The experience of clinical and research work of the teaching staff is over 5 years.

All teachers are active specialists in the field, carry out clinical work in basic institutions - supervise or advise patients, conduct instrumental research, expert assessment of case histories, conduct scientific work, and have scientific publications.

The recruitment of teachers for the implementation of the EP is carried out through a competition for filling vacant positions, the procedure for which is determined in the "Rules for the competitive filling of vacant positions of the teaching staff and scientific workers of the NJSC" Asfendiyarov Kazakh National Medical University "(Protocol No. 7 Decisions of the Council directors dated 15.07.2020). When hiring to fill a teaching position, the compliance of candidates with the qualification requirements must be taken into account.

Clinical mentors recruited to teach residents from practical health care are required to have a basic education, a medical qualification category, and sufficient experience in the specialty. Among the part-time workers from practical health care, doctors involved in training residents have the highest category, they are deputy chief doctors, heads of departments and leading specialists. Analyzing these data, we can say that there is a sufficient reserve of qualified teachers in all disciplines.

Evaluation of the activities of teachers and mentors is carried out in accordance with the "Rules for the assessment of scientific and pedagogical personnel of scientific organizations and educational organizations in the field of health", approved by order of the Ministry of Health of the Republic of Kazakhstan No. education in the field of health care, the rules for assessing the knowledge and skills of residents under medical education programmes ", through the QMS standards and" Rules for the assessment of scientific and pedagogical personnel of KazNMU ", order of the Rector No. 285 of 23.10.2019. The external evaluation system is carried out through the QMS standards. Upon

completion of the study of each discipline, a questionnaire is conducted "The teacher through the eyes of a student", the results of which are the Academic Quality Department, in accordance with the SOP "Procedure for conducting feedback",

**Strengths:**

1. Highly qualified and reputable faculty delivering residency programmes and are experts in practical health care and medical education.
2. The teaching staff of the department preserve the traditions of the University, introduce the principles of pedagogical management, actively cooperate with Kazakhstani and foreign universities.

**Conclusions of the EEC on the criteria.** Out of 7 standards conform: completely - 5, significantly - 2, partially - 0, do not correspond - 0.

*Standard 5: completed*

**Standard 6: EDUCATIONAL RESOURCES**

The university has a developed material and technical base for the implementation of professional training of residents in the specialty 7R01113 - "Psychiatry, including children's "... The material and technical base of the university includes: lecture halls, study rooms, educational and research laboratories, a library, information technology facilities, premises for the cultural and social sphere, university clinics, clinical bases - leading medical clinics in Almaty.

*Auditorium fund.* The lecture halls are equipped with the necessary technical support - stationary multimedia projectors and are designed for 2040 seats. To develop a unified corporate culture among students and employees of the University, 8 lecture halls were named after outstanding people whose professional life was closely connected with the University.

Training rooms are designed for 6 to 10 seats and are located in the buildings of clinical bases. Training rooms are fully equipped for seminars / practical classes, they have the necessary cabinet furniture, teaching equipment, manuals and a computer / laptop.

*Library.* KazNMU <https://lib.kaznmu.kz/> has a scientific library. The Scientific Library adopted the experience of the Scientific Library of Nazarbayev University, and introduced the work of the Subject Librarian. The subject librarian acts as an intermediary between faculties and the library; assigned librarian, provides advice to teaching staff and residents; uses the capabilities of advertising and social media networks (university website, library, mail.ru, Vkontakte). The library uses the automated library system "KABIS", developed specifically for library processes, including the automation of library processes and the provision of remote access to the electronic catalog fund via the Internet.

Since 2019, the Scientific Library of KazNMU has signed agreements with international companies for access to the following electronic databases:

- Web of Science - [webofknowledge.com](http://webofknowledge.com)
- Elsevier - Science direct - [sciencedirect.com](http://sciencedirect.com)
- Scopus - [scopus.com](http://scopus.com)
- Cochrane Library
- DynaMedPlus
- MEDLINE Complete
- eBook Clinical Collection
- RMEB - [rmeb.kz](http://rmeb.kz)
- Database "Epigraph"

*Premises for medical and preventive purposes.* Residents can receive medical care at the Professorial Clinic in Almaty, the Institute of Dentistry, at the student clinic, as well as at the polyclinics in Almaty at the place of residence.

*Leisure facilities.* The University has a significant material and technical base for the resident's leisure: "Hall of Fame" for 180 seats; Theater "Concordia" for 1200 seats; "Conference hall" for 70 seats.

*A safe environment is provided by several mechanisms:*

- 1) Organization of an electronic access system to the territory of the university and the supply of all employees and residents with personal electronic access cards.
- 2) Informing and training teaching staff, employees and residents on issues of civil defense, emergency situations.
- 3) To prevent the spread of tuberculosis of the respiratory tract, fluorescent bactericidal lamps were purchased within the walls of the University, with the help of which the processing of educational buildings and dormitories is carried out according to the schedule (within the framework of the "Healthy University" programme). In addition, the university clinic has purchased a unit for fluorography, through which employees and students of the University must pass.
- 4) In university clinics, a safe environment for employees, teachers, students and patients is ensured by compulsory insurance of employees of the employer's civil liability.

Constant work is underway to improve the IT-technologies and infrastructure of the university. The uninterrupted operation of the Internet was ensured, a local computer system was created, a system of video broadcasting of lectures in classrooms, a unique computer product AIS KazNMU was developed and implemented. All clinical sites are provided with the Internet.

Providing residents in their specialty 7R01113 - "Psychiatry, including children's " clinical bases: RSE on REM "Republican Scientific and Practical Centre for Mental Health", RSE on REM "Centre for Mental Health" in Almaty, the City Narcological Centre of Medical and Social Correction. The formation and development of the clinical skills of residents is carried out in the form of patient management, participation in morning conferences, clinical reviews, and review of critical cases. Prior to independently performing manipulations, the resident carefully trains his practical skills in the Centre for Practical Skills of KazNMU, which is located in building No. 4 and covers an area of 723 sq. m. The CPN was organized within the framework of the programme of the Ministry of Health of the Republic of Kazakhstan 003/109 "Creation of educational and clinical centres at state medical higher educational institutions."

Observation of the clinical practice of the resident is carried out by a mentor and teacher throughout the working day. During the duty of the resident, supervision is carried out by the responsible doctor on duty at the clinic. Practical skills are assessed using checklists.

Resident psychiatrists are provided with the opportunity to carry out research work, since one of the main training bases is the RS&PCMH. The scientific activity of the centre is aimed at developing a strategy and tactics for managing high-risk groups of people with a suicidal orientation. Currently, the RS&PCMH is developing scientific topics. Residents by specialty 7R01113 - "Psychiatry, including children's " are engaged in the development of scientific work in the framework of initiative research with the subsequent publication of articles.

Examination of the quality of the implemented educational programme for residency at the University is a systemic process and is carried out by the following structures: DAR (EP approval), Dean's Office of Internship and Residency (EP implementation), Committee of Educational Programmes (CEP) (planning, development and evaluation of EP), PUMR (monitoring EP), Quality Management System Department. The CEP includes teachers, representatives of professional associations, employers, students.

#### **Strengths:**

1. Availability of modern and equipped clinical bases that provide residents with the opportunity to master the necessary clinical skills and competencies, training in departments of various profiles in accordance with the topics of practical classes and those competencies that are defined in the educational programme;
2. The University has a sufficient material and technical base (educational buildings, ambulance brigades, clinics, a scientific library with a book fund and electronic reading rooms, access to international electronic databases of literature, computer classes, a Centre for Practical Skills, AIS "Sirius") and provides a variety of ways to implement personal growth of residents.
3. For the training of resident psychiatrists, there are qualified personnel - the teaching staff of the department with an academic degree, a medical category;

4. Direct work of residents together with mentors - employees of clinical bases in all areas of their activities, reviewing case histories, participation in scientific and practical, pathomorphological conferences, master classes.

**Conclusions of the EEC on the criteria.** Out of 21 standards conform: fully - 9, significantly - 12, partially - 0, do not correspond - 0

**Standard 6: completed**

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

- 1) Include in the educational programme of residency the elective discipline "Management of scientific research" (6.5.1.)
- 2) Expand opportunities for clinical training at all levels of care (6.7.1).

## **Standard 7: PROGRAMME EVALUATION**

Created by a team of authors EP in the specialty 7R01113 - "Psychiatry, including children's " was considered and approved at a meeting of the department - dated May 4, 2020, protocol No. 11 "a", CEP internship and residency - dated March 3, 2020, protocol No. 4, heard at a meeting of the Academic Committee, approved by the Senate of the University of April 20 2020, protocol No. 3.

General management of the educational process and general control of all aspects of the implementation of the EP specialty 7R01113 - "Psychiatry, including children's" at the University is carried out by the Vice-Rector for Academic Affairs. The structural unit responsible for the implementation and effectiveness of EP in the specialty 7R01113 - "Psychiatry, including children's» is the dean's office of the faculty of postgraduate education. A structural unit responsible for coordination and organization of methodological support of the educational process of the university is the department's academic work.

The solution of key issues on methodological support of EP in specialty 7R01113 - "Psychiatry, including children's" is carried out at meetings of the CEP, AC, CA are collegial advisory bodies, which include heads of departments, teaching staff, students.

The solution of key issues on the methodological support of the EP specialty 7R01113 - "Psychiatry, including children's" is carried out at the meetings of the Educational Programme Committee, collegial advisory bodies, which include teaching staff and students.

The teaching staff of the departments, together with the CEP, the department of academic work, the dean's office, participate in the development of EP, educational trajectories, determines the key competencies of the graduate, the final learning outcomes.

Development, management and evaluation of educational programmes by residents is provided through regular feedback, consideration of applications from residents.

Representatives of health care organizations are part of the CEP, state commissions for the final state certification of graduates, participate in their personal distribution to the place of employment.

The transparency of EP management in the specialty 7R01113 - "Psychiatry, including children's" is ensured by the functioning of a number of mechanisms, these include:

- 1) The functioning of the quality management system (QMS);
- 2) The presence of an educational strategy for the specialty 7R01113 - "Psychiatry, including including children's ", the structure of which is described in the educational programme:
  - Mission of the educational programme;
  - Requirements for the previous level of education;
  - List of general and specific competencies;
  - Curriculum for the entire period of study;
  - Matrix of competencies.

Independent monitoring of the achievement of the final learning outcomes of the EP is carried out through an independent examination of graduates of residency at the NCIE; based on the results of questionnaires and interviews with employers. The EP was adjusted taking into account the comments and entered into the Register of Educational Programmes. On the recommendation of independent experts and employers, the description of the content of the disciplines was finalized and the list of

disciplines of the optional component was optimized. This procedure is carried out annually, after which disciplines are introduced into the catalog of elective disciplines (CED), which make it possible to enhance the achievement of the expected final LOs for EP.

Annually, at the meetings of the department, the faculty council, the results of the final state certification of residents, intermediate certification, reports and assessment of the diaries of the visiting practice of residents are heard, based on the results of which, conclusions are drawn about the expected attainability of the LO of residents.

Annually, based on the results of the survey, employers make proposals for expanding or deepening training in the specialty 7R01113 - "Psychiatry, including a nursery. "

KazNMU systematically collects, analyzes feedback, through questionnaires of teachers and residents, which are held twice a year during the winter and summer sessions. The questionnaire includes questions on the quality of the educational process, adherence to schedules and schedules, anti-corruption policy, etc.). The data obtained are discussed at the meetings of the rector with the heads of departments / heads of modules and heads of structural divisions, with students.

Feedback on specialty EP 7R01113 - "Psychiatry, including children's " at the Department of Psychiatry and Narcology is held once a year, for the collection and processing of the results of the discussion is the responsibility of the head. department and teacher responsible for residency.

**Strengths:**

1. The university has developed a multi-stage system for evaluating educational programmes.
2. Involvement in the evaluation of educational programmes of resident psychiatrists, teachers, employers;
3. External and internal assessment of the educational programme is carried out by leading specialists of the Republic of Kazakhstan in the field of psychiatry;
4. The final certification of graduates of resident psychiatrists takes place with the participation of independent examiners.

*Conclusions of the EEC on the criteria.* Out of 15 standards conform: fully - 3, significantly - 2, partially -, do not correspond - 0

*Standard 7: completed*

**Standard 8: GOVERNANCE AND ADMINISTRATION**

The enrollment of citizens to target places on the state educational order for the training of specialists in residency is carried out on a competitive basis, which is carried out separately among persons applying for target places. A tripartite agreement "University - health department or medical and preventive institution - residency student" is concluded with each student of residency who enrolled on a state educational order within the framework of targeted training.

Students who have mastered the EP of residency in the specialty "Psychiatry, including children's» and have successfully passed the state certification, are graduated a state-recognized document on the conferment of the qualifications of a doctor in the specialty of a psychiatrist.

Ensuring the quality of the educational process in residency is determined by the fulfillment of mandatory requirements for the level of training, educational programmes and the creation of a monitoring system for the effectiveness of the teaching staff and the implementation of the resident's IEP (open classes, intra-department control). Monitoring of the quality of the educational process is carried out by educational departments, members of the committee of educational programmes, the dean's office, independent experts.

Issues related to residency programmes are included in the discussion and approval by the Academic Committee of the Senate, submitted to the Senate, the proceedings of which are published monthly in the form of a brochure and posted electronically on the website (<http://kaznmu.kz>) University in the section "Academic Council", "Senate". The website of the "Dean's office of internship and residency" (<http://postgraduate.kaznmu.kz>). KazNMU website is available through [RSS](#), [genalsk](#), [Twitter](#), [Facebook](#), [Youtube](#), [VK](#), [Izdeu](#), [Zhagalyktar](#)... The website page of the dean's office provides

information on educational programmes of residency: information for applicants, class schedule, academic calendar, catalog of elective disciplines, etc.

The EP studies the disciplines "Psychiatry, including children's in hospital" and "Psychiatry, including children's outpatient - polyclinic". When passing an internship in a hospital, the resident gets the opportunity to manage patients with complicated forms of diseases and emergency conditions. In the polyclinic, the resident provides inpatient psychiatric care for a person suffering from a mental disorder, depending on medical indications, is provided in the form of consultation, treatment or dispensary observation. This is aimed at the formation of a doctor capable of independently managing patients with pathology in the field of the psyche, acting within the legal and organizational field of the health care system of the Republic of Kazakhstan.

Funding for the residency programme depends on the formation of an annual government order. Every year, the Government of the Republic of Kazakhstan approves the state educational order for the training of specialists with higher and postgraduate education, in accordance with which funding for bachelor's, master's, doctoral and residency programmes is determined by type of educational institution.

Ensuring the implementation of residency programmes consists of the salary fund for the teachers of residency, providing students with educational resources (educational and scientific literature, access to the Internet and to international information databases of literature, information and communication technologies), strengthening the programme through invited foreign teachers, academic mobility programmes and the opportunity for residents to participate in international and republican conferences, seminars.

A system of independent internal audit has been created and is functioning in KazNMU (Standard 8.4. "Administration and management", clause 8.4.1). Based on the results of the audit, the management makes decisions on the effectiveness and efficiency of the quality management system, on improving and improving educational management, justifying the need to make changes to the quality management system in education, including updating educational documentation. All decisions made are documented, on the basis of them, action plans are developed and delegated to the appropriate personnel for implementation.

**Strengths:**

1. Stable financial position of the University.
2. Continuous organizational, coordination and administrative work aimed at achieving the mission and goals;
3. Transparency of the management system and decisions made;
4. The responsibility of the academic leadership in relation to the development and management of the educational programme is determined;
5. Extensive collaboration with partners in the health sector.

**Conclusions of the EEC on the criteria.** Out of 15 standards conform: fully - 8, significantly - 7, partially - 0, do not correspond - 0

**Standard 8: completed**

**Standard 9: CONTINUOUS RENEWAL**

Training of personnel in residency is carried out in accordance with the state compulsory standard of residency in medical specialties, a standard professional curriculum for medical specialties of residency and standard curricula for medical specialties of residency.

An important condition for the continuous improvement of the postgraduate educational process is the assessment of the quality of learning outcomes / competencies, assessment of knowledge and skills, the learning environment of the programme. The CEP has experts in assessing the quality of training sessions with residents, a group of testologists. Every year, the contingent of the group of experts and testologists is updated by attracting specially trained young employees.



The processes of updating the EP residency and improving the practice of its implementation take place taking into account the knowledge and skills gained by the teachers of the departments at training events (seminars, master classes, conferences).

The improvement of the teaching competencies of the teaching staff is carried out by the Course of Pedagogical Skills in full accordance with the developed author's "Model of KazNMU Teacher Competencies" (Certificate of state registration of rights to the copyright object No. 0064 dated January 13, 2016). This approach guarantees the passage of training in pedagogical competencies by each employee from among the teaching staff of KazNMU at least once every five years under the programme of the integrated module "Teacher of medical education and science organizations", as well as training on applications for specialized modules and advanced training programmes in certain areas ( E-learning / M-learning, conflict management, Development and evaluation of educational programmes, Teaching clinical interviewing according to the Calgary-Cambridge model, Formation of a marketing strategy for the development of a higher educational institution, etc.).

All teachers of the Department of Psychiatry and Narcology are systematically trained for the development of competencies, they regularly undergo advanced training in pedagogy on the basis of KazNMU, Republican and foreign universities.

Employees of the Department of Psychiatry and Narcology went through a cycle of advanced training on medical education in the Republic of Kazakhstan, countries of near and far abroad - prof. Dzharbosynova B.B. (RF, Ulyanovsk; RF, Astrakhan; RF, St. Petersburg); ass. Ashimbaeva A.A. (RF, St. Petersburg);

Participate and deliver reports at scientific, including international congresses and conferences: prof., D.m.s. Dzharbosynova B.B. (Almaty, at the SPC of urology named after B.U. Jarbosynov, international forum); Ph.D. Negay N.A. (Austria, Vienna).

The majority of residents, upon graduation from KazNMU, are assigned to medical organizations according to their specialty. The Alumni Career Centre tracks the fate of residency graduates.

Resident selection policies, resident selection and admission methods are adapted annually to changing expectations and circumstances, human resource needs, changes in basic medical education and curriculum requirements.

The needs of the practical health care of the republic in specialists of our profile are regularly analyzed, in connection with these, the Faculty Council annually discusses issues of the selection policy of residents, methods of selection and admission of residents, taking into account the circumstances, needs for human resources, changes in basic medical education and the requirements of the curriculum.

The University has developed and approved the "Personnel policy of KazNMU, which reflects the priorities for the formation of human resources and criteria for the selection of personnel, including the scientific, pedagogical and clinical merits of candidates. By order of the rector, the composition of the Attestation Competition Commission is approved, which analyzes the documents submitted by the candidates, interviews with each candidate. After that, the commission makes a decision on each candidate.

A feature of the resident education programme is a stepwise approach to the development of practical skills. From year to year, the volume of independent work and the level of complexity of practical skills with patients of the medium and high-risk group are increasing, which are reflected specifically at each stage of the EP training.

#### **Strengths:**

1. The University has a system of continuous improvement of the postgraduate educational process.
2. A well-known brand of the university, strong traditions of training residents;
3. System of advanced training and continuous professional growth of teaching staff and employees;
4. The presence of partnerships and agreements on cooperation with foreign universities;

**Conclusions of the EEC on the criteria.** Out of 4 standards conform: completely - 1, significantly - 3, partially - 0, do not correspond - 0

**Standard 9: completed**

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

- 1) Expand the further development of academic mobility of teaching staff and residents (9.4).
- 2) Improve communication mechanisms with key stakeholders (9.4).

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 carrying out the examination as part of the tasks of the external expert evaluation programme were found.

## **5. Recommendations for improving educational residency in the specialty "7R01113 -" Psychiatry, including children's":**

### **Standard 1**

1. Conduct on a regular basis feedback with residents on the satisfaction of entrance examinations, training, teaching methods, choice of elective disciplines.

### **Standard 2**

1. Improve the academic mobility of residents, participation of residents in research projects.
2. Strengthening the integration of education, science and practice, improving learning through research.
3. Creation of conditions for increasing the competence of teaching staff in English and Kazakh languages.
4. Further improvement of pedagogical skills through participation in the programme of academic mobility of teaching staff in universities of the Republic of Kazakhstan, near and far abroad, search and development of joint programmes of bilateral academic mobility between partner universities.

### **Standard 3**

1. Regularly analyze and assess the quality of the methods used and the format of the assessment for the validity and reliability of the final learning outcomes.
2. Formation of high-quality questionnaires for conducting a questionnaire survey of residents to amend plans for further work to improve the quality of the educational process.

### **Standard 4**

1. Expand opportunities for resident psychiatrists to participate in the youth policy department and other advisory bodies.
2. Expand the representation of resident psychiatrists in the process of developing admission and selection policies

### **Standard 5**

1. Wider attraction of foreign visiting professors in the field of psychiatry and child psychiatry.

### **Standard 6**

1. In the educational programme of residency in the specialty "Psychiatry, including children's» to include the elective discipline "Management of scientific research".
2. Expand clinical training opportunities at all levels of health care delivery.

### **Standard 7**

1. Conduct on a regular basis feedback with residency graduates and employers to improve educational programmes

### **Standard 8**

1. To improve the mechanisms of motivation of the teaching staff in the implementation of the EP residency.
2. Optimization of logistics and providing residents with full access to high-tech equipment.
3. Expansion of bases of practice with national and international accreditation.

**Standard 9**

1. Improve communication mechanisms with key stakeholders
2. Expansion of international cooperation.
3. Expand the further development of academic mobility of teaching staff and residents.

## 6. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend to the Accreditation Council to accredit the educational residency program in the specialty **7R01113 -"Psychiatry, including children's"** Asfendiyarov KazNMU" for the period of 5 years.

### Chairman of the EEC

Morenko Marina Alekseevna

Foreign expert

Ryzhkin Sergey Alexandrovich

Academic expert

Serik Zhakenovich Dzhandayev

Academic expert

Ligai Zoya Nikolaevna

Academic expert

Magyarov Valentin Manarbekovich

Academic expert

Zhanalina Bakhyt Sekerbekovna

Academic expert

Zhumalina Akmaral Kanashevna

Academic expert

Kudabaeva Khatimya Ilyasovna

Academic expert

Abdullina Venera Ravilevna

Academic expert

Igimbayeva Gauhar Tleubekkyzy

Academic expert

Kabildina Nailya Amirbekovna

Academic expert

Kusainova Faridat Azymovna

Academic expert

Bacheva Irina Viktorovna

Academic expert

Maukaeva Saule Boranbaevna

Academic expert

Ospanova Nargul Narimanovna

Expert - representative of employers

Sergeeva Elena Nikolaevna

Expert - representative of residents

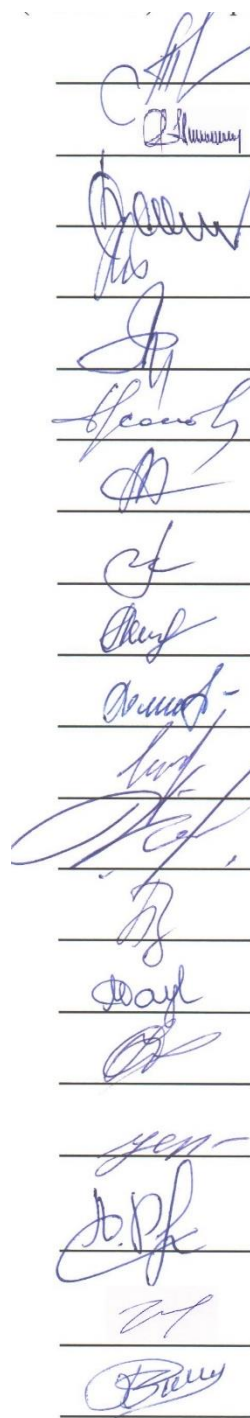
Diana Abbasova

Expert - representative of residents

Ilyasov Eldar Rashitovich

ECAQA Observer

Sarsenbayeva Dariyabanu Bulatovna



**Quality profile and external evaluation criteria (summary)**  
**Of educational programme in the specialty**  
**7R01113 - "Psychiatry, including children's" of Asfendiyarov KazNMU**

Standard	Criteria for evaluation  Number of standards = BS * / SI	Grade				
		TOTAL	Totally coincides	Significantly corresponds	Partially compliant	Does not match
1.	MISSION AND END OUTCOMES	17	12	5		
2.	EDUCATIONAL PROGRAMME	30	19	11		
3.	ASSESSMENT OF STUDENTS	11	3	8		
4.	STUDENTS	30	18	10	2	
5.	ACADEMIC STAFF /FACULTY	7	5	2		
6.	EDUCATIONAL RESOURCES	21	9	12		
7.	PROGRAMME EVALUATION	15	3	12		
8	GOVERNANCE AND ADMINISTRATION	15	8	7		
9.	CONTINUOUS RENEWAL	4	1	3		
	<b>total</b>	<b>150</b>				

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

No.	Names of documents	Quantity	Date of approval (if applicable)
1.	The procedure for registration of academic mobility of a student of Asfendiyarov Kazakh National Medical University	1	09/01/2020
2.	"Regulations on the current monitoring of progress, intermediate and final certification of students of the NJSC Asfendiyarov KazNMU	1	01.10.2020
3.	Regulations on the Committee of Educational Programmes	1	24.08.2020
4.	Code of Academic Integrity of Students NJSC KazNMU	1	27.08.2020
5.	Academic policy for the 2020-2021 academic year	1	27.08.2020
6.	Formation, discussion, approval of the academic calendar	1	02.08.2018
7.	Syllabus "Psychiatry, including children's in hospital 1"	1	20.08. Feb 2020
8.	Syllabus "Psychiatry, including children's in hospital 2"	1	
9.	Syllabus "Psychiatry, including children's outpatient polyclinic 1"	1	20.08. Feb 2020
10.	Syllabus "Psychiatry, including children's outpatient polyclinic 1"	1	
11.	Review of the EP on residency "Psychiatry, including children's"	2	02/17/2021; 02/22/2021
12.	Rules for the search, selection, selection, admission and adaptation of employees of the NJSC Asfendiyarov KazNMU	1	09.12.2019
13.	Order on approval of the Rules for the assessment of scientific and pedagogical personnel	1	23.10.2019
14.	Internal regulations of students of the NJSC Asfendiyarov KazNMU	1	10/14/2019
15.	Rules for admission to residency of the NJSC Asfendiyarov Kazakh National Medical University for the 2020-2021 academic year	1	07/15/2020
16.	Regulations on the academic mobility of students, teachers and staff	1	11.11.2019
17.	Regulations on the Faculty of Postgraduate Education of the Asfendiyarov Kazakh National Medical University.	1	27.10.2020
18.	Mentoring clause	1	September 16, 2019
19.	POLICY AND OBJECTIVES OF NJSC Asfendiyarov KazNMU IN THE AREA OF QUALITY FOR 2019-2021	1	28.08.2019

20.	Report of the Chairperson of the SJSC on the results of the final certification of residency graduates for the 2019-2020 academic year	1	
21.	Feedback from the employer		
22.	The organizational structure of the university	1	09/14/2020
23.	Residency educational programme in the specialty "Psychiatry, including children's"	1	24.08.2020
24.	Code of honor of teaching staff and employees of KazNMU	1	27.08.2019
25.	Clinical agreement	2	09/04/2017; 01.12.2020
26.	Analysis of the results of interim certification of residents 2019-2020.	1	
27.	Application and the number of accepted residents in the NJSC "Asfendiyarov Kazakh National Medical University" for the 2020-2021 academic year	1	
28.	Employment certificates of residency graduates	4	