

To Accreditation Council
of the Eurasian Center for Accreditation
and Quality Assurance in Higher Education and Health Care
May 26, 2023

**REPORT
OF EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF EDUCATIONAL PROGRAM EVALUATION
7R01137 PEDIATRIC AND ADULT ALLERGY AND IMMUNOLOGY
OF KARAGANDA MEDICAL UNIVERSITY NON-PROFIT JOINT STOCK
COMPANY
FOR THE COMPLIANCE WITH THE STANDARDS FOR PROGRAMME
ACCREDITATION OF POSTGRADUATE EDUCATION
(RESIDENCY SPECIALTIES) OF MEDICAL EDUCATIONAL
ORGANIZATIONS**

**EDUCATIONAL ORGANIZATION NON-PROFIT JOINT STOCK COMPANY "
KARAGANDA MEDICAL UNIVERSITY"**

External peer review period: May 24 -26, 2023

Almaty, 2023

CONTENTS

	List of designations and abbreviations	1
1.	Membership of the external expert commission	3
2.	General part of the final report	5
2.1	Educational program presentation on the specialty - 7R01137 Pediatric and Adult Allergy and Immunology	7
2.2	Information about previous accreditation	8
2.3	Conclusion on the results of the report review on self-assessment of educational program 7R01137 Pediatric and Adult Allergy and Immunology for compliance with the Accreditation Standards of Postgraduate Education Programs (Residency Specialty) of Medical Education Organizations and conclusions	8
3.	External peer review description and conclusion	9
4.	Analysis on compliance with accreditation standards on the results of external evaluation of educational program 7R01137 Pediatric and Adult Allergy and Immunology.	12
5.	Recommendations for improvement of the educational program 7R01137 Pediatric and Adult Allergy and Immunology	45
6.	Recommendation to the Accreditation Board	46
	Appendix 1. Quality profile and criteria of external evaluation and educational program of residency in the specialty of educational program 7R01137 Pediatric and Adult Allergy and Immunology	47
	Appendix 2. List of documents reviewed within the framework of the external expert evaluation	48

LIST OF SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
AC	Academic Committee
AP	Academic Policies
HEI	Higher Education Institution
SCES	State Comprehensive Education Standard
DAA	Department of Academic Affairs
DET	Distance education technologies
DIID	Department of Informatisation and Infrastructure Development
M. D.	Doctor of Medicine
HRMD	Human Resources Management Department
UHEMS	Unified higher education management system
ECAQA	Eurasian Centre For Accreditation And Quality Assurance In Higher Education And Health Care
FAC	Final Attestation Commission
FA	Final attestation
IEP	Individual Education Plan
IWP	Individual Work Plan
SC	Selection Component
IHIS	Integrated Healthcare Information System
CED	Catalogue of Elective Disciplines
CQASRPD	Commission for Quality Assurance of the School of Residency and Professional Development
SOPE	State-Owned Public Enterprise
Ph.D.	Doctorate Degree in Medicine
MH	Ministry of Health
LEB	Local Executive Board
NPJSC	Non-Profit Joint Stock Company
KMU NPJSC	Karaganda Medical University Non-Profit Joint Stock Company
NCIE	National Centre for Independent Examinations
SC	Science Centre
RDC	Research and Development Centre
RDW	Research and Development Work
OCCH	Oblast Children's Clinical Hospital
OCH	Oblast Clinical Hospital
EP	Educational Program
PSA	Practical Skills Assessment
ICU	Intensive Care Unit
TRA	Tolerance Rating Assessment
OSCE	Objective Structured Clinical Examination
MS	Middle School
PS	Principal Subject
PC	Principal Competences
PHC	Primary Health Care
HETP	Higher-Education Teaching Personnel
RK	the Republic of Kazakhstan
LO	Learning Outcomes
WC	Working Curriculum

SSS	Student Support Services
IWR	Independent Work of Residents
IWRT	Independent Work of Residents With Teachers
EPMS	Employee Performance Management System
SES	Secondary Education School
SC	Secondary School
TByte	Terabyte
VET	Technical And Vocational Education/
LLP	Limited Liability Partnership
MC	Model Curriculum
TP	Teaching Package
KOHD	Karaganda Oblast Health Department
ATF	Advanced Training Faculty
CSET	Centre for Simulation and Educational Technologies
PSC	Practical Skills Centre
CCE	Centre for Continuing Education
SRPD	School of Residency and Professional Development
SRMEE	Association for Medical Education in Europe
CBL	Clinical based learning
ECTS	European Credit Transfer and Accumulation System

1. Membership of the External Expert Commission

In accordance with the order № 15 of 11.05. 2023, the External Expert Commission (hereinafter - EEC) was formed to conduct an external evaluation of the educational program of the residency in the specialty 7R01137 Pediatric and Adult Allergy and Immunology in the period from 28 to 30 November 2022 in the following members:

No. n/a	Position within the EEC	Full name	Academic degree/title, position, place of work/place of study, course, specialty
1	Chairman	Khatimya I. Kudabayeva	Associate Professor, Candidate of Medical Sciences, Professor of the Department of Internal Medicine No. 1, West Kazakhstan Marat Ospanov State Medical University.
2	International expert	Sergey A. Ryzhkin	Doctor of Medical Sciences, Head of the Department of Radiotherapy and Radiology named after Academician A.S. Pavlov, Head of the Department of Additional Professional Education of the Russian Medical Academy of Continuous Professional Development (Moscow), Scientific Secretary of the Department of Medical and Biological Sciences of the Academy of Sciences of the Republic of Tatarstan, accredited expert of the Federal Service for Supervision of Education and Science (Rosobrnadzor).
3	International expert	Shushanik G. Afrikyan	PhD in Pharmacy/ Associate Professor of the Department of Pharmacy, Head of the Computerized Examination Organization Department of Yerevan State Medical University after Mkhitar Heratsi, Republic of

			Armenia.
4	Academic expert	Saltanat N. Urazova	Doctor of Medical Sciences, Head of the Department of Family Medicine No. 3 at the Astana Medical University.
5	Academic expert	Daria M. Shabdarbayeva	Doctor of Medical Sciences, Professor, pathologist of the highest category, forensic pathologist of the highest category, Head of the Department of Pathological anatomy and forensic medicine named after Prof. Y.V. Pruglo at Semey Medical University NPJSC.
6	Academic expert	Raygul M. Ramazanova	Doctor of Medical Sciences, Professor of the Department of Internal Medicine, at Kazakh National Medical University named after S.D. Asfendiyarov NPJSC
7	Academic expert	Akmaral K. Zhumalina	Doctor of Medical Sciences, Professor, Head of the Department of Pediatric Diseases with Neonatology, M.Ospanov West Kazakhstan State Medical University NJSC
8	Academic expert	Raihan E. Tuleutayeva	Candidate of Dr.habil, Head of the Department of Pharmacology named after Dr.habil, Professor M.N. Mussin Medical University of Semey NPJSC.
9	Academic expert	Zaure A. Baigozhina	Candidate of Medical Sciences, Dean of the School of Nursing Astana Medical University NPJSC, Member of the Association for Medical Education in Europe /AMEE.
10	Academic expert	Sholpan K. Ramazanova	Candidate of Medical Sciences, Acting Associate

			Professor of the Department of Clinical Disciplines, Al-Farabi Kazakh National University.
11	Academic expert	Bibikhan A. Yeralieva	Doctor of Medical Sciences, assistant of the chair of clinical pharmacology Kazakh National Medical University named after S.D. Asfendiyarov NPJSC.
12	Academic expert	Gulnara A. Isposunova	Urologist of the highest qualification category, assistant of the department of urology at SanzharAsfendiyarov Kazakh national medical University NPJSC
13	Academic expert	Asel B. Doshakanova	Doctor of Medical Sciences, Head of the Postgraduate Education Department of the Kazakh Order of the Badge of Honor Research Institute of Eye Diseases LLP.
14	Academic expert	Asem K. Dosanova	PhD, Associate Professor at the Department of Pediatric Surgery, Astana Medical University NPJSC
15	Employers' representative	Bayan L. Daniyarova	Deputy Director for Strategic Development, Regional Clinical Hospital, Karaganda Oblast Health Department.
16	Resident representative	Kurak Aidana	First-year resident majoring in Adult and Pediatric Endocrinology of Medical University of Astana NPJSC
17	Expert - doctoral student representative	Aknur D. Orazbay	The 1st year doctoral student in the specialty Biology at Karaganda State University named after E.A. Buketov NPJSC

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

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

The EEC report contains the evaluation of the educational program 7R01137 Pediatric and Adult Allergy and Immunology for compliance with the Accreditation Standards for Postgraduate Education Programs (Residency Specialty) of Medical Education Organizations and Conclusions (hereinafter - Accreditation Standards), recommendations of the EEC on further improvement of approaches and conditions for the implementation of the above educational program and recommendations for the ECAQA Accreditation Board.

2. General part of the final report

2.1 Presentation of the residency educational program in the specialty Pediatric and Adult Allergy and Immunology

Name of organization, legal form of ownership, BIN	Karaganda Medical University non-profit joint stock company, BIN 190140033600
Management body	The Ministry of Health of the Republic of Kazakhstan
Full name of the first supervisor	Anar A.Turmukhambetova
Creation date	1950
Location and contact data	Republic of Kazakhstan, Karaganda, Gogolya str. 40, tel. 8-7212-50-06-31
State license for educational activity in residency (date, number)	No. 14020603 dated 14.04.2015 KZ32LAA00016018 dated 06.05.2019.
Information on branches, subsidiaries (if any)	-
Year of implementation of the accredited educational program (EP) started	2017
Duration of training	2 years
Total number of graduates since the beginning of the implementation of the EP	11 (for the period 2019 – 2022)
Number of residents at the EP from the beginning of the current academic year	9
Full-time lecturers/part-time lecturers involved in the implementation of the EP, including % with academic degree	Total number of teaching staff – 4, including full-time – 2, part-time – 2. Academic degree, % - 100 Categorization, % - 50

Website	www.qmu.edu.kz
Instagram	@officialkmu
Facebook with active pages	

2.2 Information about previous accreditation

Accreditation of the educational program in the specialty "Allergology and Immunology, including Children's" was carried out by external experts of the Independent Agency for Accreditation and Rating and is accredited for a period of 5 years.

2.3 Conclusion on the results of the report review on self-assessment of educational program Pediatric and Adult Allergy and Immunology for compliance with the Accreditation Standards of Postgraduate Education Programs (Residency Specialty) of Medical Education Organizations and conclusions

The report on self-assessment of the educational program of the residency in the specialty of Pediatric and Adult Allergy and Immunology (hereinafter - the report) is presented on 104 pages of the main text, 35 appendices, copies or electronic versions of 54 documents located at the link <https://drive.google.com/drive/folders/124FUOfPFN53zD1b1KtATR9NNP2xZOm0d>.

The report has a completed form and is characterized by completeness of answers to all 9 main accreditation standards and criteria, structured taking into account the recommendations of the Guidelines for the self-assessment of the educational program provided to the educational organization by the accreditation center - , as well as the internal unity of information. The report is accompanied by a cover letter signed by the rector Turmukhambetova A.A., which confirms the reliability of quantitative information and data included in the self-assessment report.

The report contains a list of members of the internal self-assessment commission with indication of each employee's responsibility, information about the representative of the organization responsible for the self-assessment of the educational program - Olga Dedova, assistant of the Internal Medicine Department, doctor of allergology-immunologist.

Self-evaluation of the educational program Adult and Pediatric Endocrinology was conducted on the basis of the order of the Rector of the University № 274 from 16.09.2022 "On the creation of a working group to conduct specialized self-evaluation and report writing».

The report was reviewed by the accreditation expert: Sholpan K. Ramazanova, and the review noted the strengths and areas for improvement, as well as recommendations for additions and revisions, which in the process of feedback with the representative of the HEI were taken into account and appropriate changes and additions were made to the self-assessment report.

In all standards the real practice of the University on training residents in the specialty of Pediatric and Adult Allergy and Immunology with regard to the beginning of admission of students in 2019, reasoned data, examples of implementation of educational program objectives, national and international events, methodological

support, confirming compliance with the requirements of accreditation standards are given. The description in the self-assessment report is sufficiently complete and updated on the number of residents, teachers, administration, information on selection and admission, training results, results of assessment of knowledge and skills, material and technical base of the university and clinical bases, contractual obligations with partners (universities, associations, bases), financial information, plans for development and improvement, etc.

The report is submitted to QA in a completed form, with data correction according to the above recommendations, written in competent language, the wording for each standard is clear and understandable and described in accordance with the criterion of standards, tables are referenced in the text and are numbered cross-numbered.

The quality of the self-assessment report served as a basis for the transition to the next stage of the accreditation procedure - external assessment. The experts planned validation of the report data, comparison of the information from the report with the information that will be obtained during the visit to the educational organization, i.e. verification of quantitative and qualitative indicators.

3. Description of the external expert evaluation

External expert work within the evaluation of the educational program Pediatric and Adult Allergy and Immunology was organized in accordance with the Guidelines for external evaluation of QA educational organizations and educational programs and under the program approved on 20.05.2022 by QA General Director Sarsenbaeva S.S. and agreed upon with the Rector of Medical University of Karaganda NJSC Turmukhambetova A.A. Visit dates: May 24 -26, 2023.

The external evaluation is aimed at validation of the self-assessment report data and verification of indicators certifying the degree of compliance with the criteria of accreditation standards.

The sequence of the visit within 3 days is presented in detail in the Visit Program (hereinafter - the program), which is in the documentation of the accreditation center. The program is a proof of implementation of all planned activities within the framework of the external expert review.

May 24, 2023- on the first day of the visit a meeting was held with Toleubekov K.K., Turgunov E.M the members of the Board of KMU NPJSC. Discussed issues of internal quality assurance policy in higher and postgraduate education, planning, monitoring of implementation, provision of resources, evaluation of educational programs, work with departments; issues of clinical resources for training residents, scientific directions of the university, motivation systems and participation in research and development of teachers of residency departments. RDW members met with employees of departments responsible for admission and employment of graduates with the head of the Career Development Department Tokzhumanova G.M., Dean of the Residency School Tashkenbaeva V.B., Dean of Nursing Education Estemesova K.A., Director of the Institute of Life Sciences Kluyev D.A., the questions about the formation of the state order for specialties, selection and admission procedures, paid training, career guidance work, feedback with applicants and applicants, work with departments,

monitoring the employment of graduates, satisfaction with the quality of training of graduates were discussed.

They visited the university library, the area of which is 1526 square meters, the area of book storage - 941.6 square meters. The number of seats in the reading rooms is 443. The library includes: the department of acquisition and bibliography and the department of service of scientific and educational literature (consists of the scientific literature subscription, two subscriptions of educational literature, reading room and periodicals hall, hall of electronic resources, interactive hall). The computer park of the library consists of 113 computers, including 88 thin clients (TC), 21 personal computers (PC) are located in the subdivisions of the library, 4 PCs and 63 TCs - in the hall of electronic resources and 25 TCs - in the interactive hall, the whole park of computers is connected via INTERNET. Wi-Fi zone is spread throughout the library. There are 2 scanners for users in the e-resources room. The Interactive Hall is equipped with a short-focus projector. For students there is the Hall of the Researcher, equipped with 15 computers connected to the Internet, which allows to have access to all information resources of the university. Service of users in the electronic halls is provided from Monday to Friday from 09-00 to 20-00, on Saturday from 09.00 to 18-00. To implement the educational process in the specialty "Adult Hematology" the book supply of basic and additional literature is 100%. Among them, the total number of textbooks, including in the Kazakh language-1314 copies, scientific literature - 785 copies, periodicals - 4, electronic publications - 7.

The experts also visited the university gym and the Student Service Center (SSC). In the SSC a student and resident can get all the necessary documents signed with an electronic digital signature through a personal account on the portal cos.qmu.edu.kz., previously ordering the necessary service. The result of the service is sent to the student's e-mail.

Then the experts visited the Centre for Simulation and Educational Technologies (CSET). The area of the Centre for Simulation and Educational Technologies is 1300 square meters, 42 training rooms. It is equipped with 400 types of simulation equipment, including 57 high-tech simulators.

Meetings were held with members of the Academic Senate Committee and the Quality Assurance Committee of the Residency School (Master's degree, PhD, residency); with members of Human Resource Management and the Center for Simulation and Educational Technology Department; and with members of the Economics and Finance Department

On the second day of the visit were visited the base of practice/clinical training of Olymp Medical Group LLP, Regional Allergy Center "Divera", where training on 1 educational program Pediatric and Adult Allergy and Immunology with the participation of 2 full-time teachers and 2 part-time teachers.

On the clinical base attended 2 practical sessions in PBL and CBL format

In the second half, interviews with students, lecturers, graduates and employers were conducted.

To obtain objective information, the following methods and their results were used by the EEC members: students, teachers, graduates and employers:

- interview with management and administrative staff - 7 people;
- interviews with residents – 75 people;;
- exploring the Web site <https://www.qmu.edu.kz/ru>;
- interviewing - 27 teachers, 16 employers; 38 graduates.
- questionnaires of teachers and residents;
- supervision of resident training: 2 practical sessions in RBL and RBL format "Vaccine. Vaccine prophylaxis". The class was conducted by Candidate of Medical Sciences Knaus A.A. with the residents of the first year in the specialty Pediatric and Adult Allergy and Immunology. Dedova O.Y. conducted a practical training with the residents of the 2nd year Allergology. Autoimmune diseases. Also attended the practical part - outpatient reception of patients.

- review of resources in the context of meeting accreditation standards: the clinical base of practice/clinical training Olymp Medical Group LLP was visited Regional Allergy Center "Divera", where training on 1 educational program Pediatric and Adult Allergy and Immunology with the participation of 2 full-time teachers and 2 part-timers.

- study of educational and methodological documents in the amount of ____ units both before and during the visit to the organization (the list of studied documents is in Appendix 2).

From the side of the team of the accredited organization ensured the presence of all persons specified in the visit program and according to the lists of interview and interview sites (Table 1). Table 1 - **The number and category of participants participating in meetings, interviews, conversations with EEC members**

No.	Full name	Number
1	Members of the Board of Karaganda Medical University Non-Profit Joint Stock Company	2
2	Meeting with members of the Academic Board, Committee of Educational Programs by Level of Education (Residenc)	16
3	Meeting with employees of departments responsible for admission and employment of graduates	4
4	Meeting with educational program managers	10
5	Meeting with the staff of the Human Resources Management Department and the Center for Simulation and Educational Technologies	2
6	Interviews with learners	75
7	Interviews with lecturers	27
8	Interviews with employers	16
9	Interviews with graduates	38

On the last day of the visit a meeting of EEC members on the results of external evaluation was held in the organization. Final discussion of the results of the external evaluation of the educational program, study of documents, results of interviews, colloquium, questionnaires was held. The EEC members started designing the final report of the EEC. The results of the external evaluation were summarized. The experts

individually filled in the "Profile of quality and criteria of external evaluation of the educational program "Adult and Pediatric Endocrinology" for compliance with the ECAQA Accreditation Standards". No remarks were made by the EEC members. Recommendations for improvement of the educational program were discussed and the chairperson Kudabaeva H.I. held the final open voting on recommendations for the ECAQA Accreditation Board on the accreditation period - 5 years.

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

During the questionnaire of residents, 88.9% assessed the work of the External Expert Accreditation Commission as positive, 9.5% as satisfactory. The majority of respondents (85.7%) believe that it is required to carry out accreditation of educational organization or educational programs.

Based on the opinion of 90.6% of the lecturers, the questionnaire survey conducted by ECAQA is useful for developing recommendations for upgrading key areas of the accredited educational organization's activities.

In conclusion of the visit program the Chairperson of the EEC announced recommendations on the results of external evaluation within the framework of specialized accreditation for the management and staff of the educational organization.

3. Analysis on compliance with accreditation standards on the results of external evaluation of educational program Pediatric and Adult Allergy and Immunology.

Standard 1: MISSION AND FINAL RESULTS

Evidence of Compliance:

1.1 Mission Statement

The mission of the educational program Pediatric and Adult Allergy and Immunology, including pediatric is presented in the form of the EP goal.

The mission of the EP of postgraduate education (residency) in the specialty: Pediatric and Adult Allergy and Immunology: training of highly qualified specialists able to meet the needs of society in providing medical care to patients with allergic and immune pathology, to apply and develop advanced innovative technologies in medicine, science and practice, to use the achievements of information and communication technologies, to improve the health of the population. The mission of the EP is consistent with the mission of Karaganda Medical University Non-Profit Joint Stock Company - Development of society, improvement of health and quality of life of the population of Kazakhstan by achieving excellence in science, education and practice.

During the implementation of the program activities, namely, according to the results of the interview with the first head of the organization, members of the Academic Council, in interviews with residents and faculty, compliance with the criteria of **standard 1** was established. All participants of the educational process know the mission of the educational program, participated in the formation of proposals for

mission formulation, with the mission communicated to potential residents through the website, social networks, newsletters to medical organizations. Reviewed the Development Program of Karaganda Medical University Non-Profit Joint Stock Company for 2019 - 2023 years (Approved by the Decree of the Government of the Republic of Kazakhstan from June 27, 2019 № 453), including such areas as: Place and role of Karaganda Medical University NJSC in the system of higher and postgraduate education of Karaganda Medical University NPJSC; Development of innovation potential of Karaganda Medical University NJSC and its achievement; Commercialization of scientific and technical developments of Karaganda Medical University NPJSC; Target indicators of the Development Program, etc., which confirms the implementation of the accreditation standard and demonstrates the goals, objectives and prospects of the organization.

In the process of visiting the units of Karaganda Medical University NJSC the experts noted the strengths of the educational organization in relation to the accredited educational program Pediatric and Adult Allergy and Immunology, including: a strategic partnership with practical health care to develop a competence model of the graduate, the development and implementation of educational programs is implemented; the academic mobility of residents-allergologists-immunologists is expanded; participation of residents in scientific research is realized.

In KMU NJSC there are subdivisions directly related to the educational program Pediatric and Adult Allergy and Immunology, which can be noted as the best practice in education, namely, Olymp Medical Group LLP, Regional Allergy Center Divera, Regional Children's Clinical Hospital SME, Diacent Medical Center, City Center of Primary Health Care LLP, Clinic of Professional Health KMU NPJSC, Karaganda Regional Center for AIDS Prevention and Control SME, Clinic of Medical University KMU NPJSC, Occupational Health Clinic of KMU NPJSC. This conclusion is made because these clinical bases provide highly specialized allergological and immunological care, as well as outpatient appointments. At the said clinical bases, the study of specialized disciplines is carried out. The training of residents is carried out under the guidance of clinical mentors from among qualified allergologists-immunologists.

The results of the documentation study demonstrate that the mission of the organization and the mission of the educational program Pediatric and Adult Allergy and Immunology correspond to the requirements, and the educational process is built in accordance with the State Educational Standards and current laws and regulations (L&R) in postgraduate education and health care.

1.2 Personal professionalism and professional autonomy. In the process of external evaluation it was found that KMU NJSC is autonomous in formulating the mission, which is developed on the basis of consideration of the public health needs, the needs of the health care delivery system, as well as in the development of the educational program and the formation of a catalog of relatives, which were discussed with students, employers, representatives of practical health care, the development of the final learning outcomes of the accredited educational program. In the selection of clinical bases and clinical tutors, the level of medical care, including highly specialized care, to support

the educational process is taken into account. The mission of the educational program Pediatric and Adult Allergy and Immunology was discussed at the Academic Council of KMU NJSC on 27.06.2019, Minutes No. 10 and approved by the decision of the Board of Directors on 27.05.2022, Minutes No. 37.

In conducting a questionnaire survey of 63 students, including 44 residents (16 - first-year students and 28 - second-year students) (on the resource <https://webanketa.com/>), a number of questions were devoted to the quality of the educational process and educational program. It was found that 80, 95% of residents will recommend to their acquaintances, friends, relatives to study in this educational organization. And 82.5% of respondents believe that the heads of the educational program and teachers are aware of the problems of students related to training. To the question "Do you think that this educational organization allows you to acquire the necessary knowledge and skills in your chosen specialty?", 96.83% of respondents answered positively, 1.59% could not answer this question yet and 1.59% would like to believe it.

The surveyed 32 teachers also answered 25 questions of the questionnaire. 93,75% are satisfied with the organization of work and workplace in this educational organization, and 6,25% partially agree with this statement. The experts determined that there is a healthy microclimate in the organization, as the manager is quite accessible to both residents and staff, responds promptly to requests. In the questionnaire 96.88% of teachers are satisfied with the microclimate of the organization, and 3.13% are partially satisfied. In the opinion of 90,63% in the educational organization the teacher has an opportunity to realize as a professional in his/her specialty. For information, a total of 32 people answered (total of 621 people in the staff), with teaching experience up to 5 years - 6.25%, up to 10 years - 12.5%, more than 10 years - 81.25%.

1.3 Final learning outcomes

In the educational program and in the syllabuses defined learning outcomes, which were reviewed and approved with the participation of students, employers, representatives of practical health care. Trainees are informed about the final results of training by teachers, clinical mentors in practical classes, which we found by visiting the clinical base, interviews with students and graduates of the educational program.

84.38% of teachers participated in the development of the educational program for the discipline, 12.5% did not.

The experts established a clear continuity between the final results of previous resident training (prerequisites) and residency training, and subsequent continuing professional development programs.

1.4 Participation in mission and outcome statements

Teaching and administrative staff, students participate in the formulation of the mission and the definition of the final results of training, which is documented in the submitted minutes of the department meetings.

At the same time, when talking to employers, a clear answer to the question "Do you participate in the formulation of the mission and goals of the organization, educational program?", "What is the personal contribution of residents to the

improvement of the educational program?" was received, and residents could not give a clear answer to this question.

The EEC's conclusions on the criteria. Standard 1: fully implemented

Standard 2: EDUCATIONAL PROGRAM.

Evidence of Compliance:

2.1 Framework for a postgraduate medical education program

Karaganda Medical University NJSC has developed a model of competencies of the residency graduate, approved at the meeting of the Academic Committee of the School of Residency and Professional Development (Minutes № 4, from 07.06.2019). The EP of the residency Pediatric and Adult Allergy and Immunology provides for the mastering of 6 key competencies by residents.

To implement the educational program for specialty Pediatric and Adult Allergy and Immunology in the documents of the organization there are teaching materials, where the purpose is defined, the integration of practical and theoretical components, independent work is taken into account. The EP Pediatric and Adult Allergy and Immunology is developed taking into account the competence-based approach and credit-modular technology of learning on the basis of credits, which provides a modular structure of the EP. The ECTS credits are aimed at mastering the key competencies of the resident in the specialty of allergology immunology adult, pediatric and provides an opportunity for residents to plan and implement an individual trajectory of training, taking into account the specifics of the chosen specialty, defining the disciplines of the component of choice. In compiling the training pathway, the sequence of modules/disciplines is observed, taking into account pre- and post-requisites, the content of which is aimed at achieving knowledge, skills and abilities, providing a step-by-step approach in their study. The final learning outcomes of residents in the specialty sought are formed throughout the educational program, within the disciplines of the module studied. Residents are informed about the required competencies, which are reflected in the educational and methodological complex of disciplines and are available for review on the HEI website at the link: <https://qmu.edu.kz/ru/contents/view/314>.

Compliance with SCES and standard requirements was established. Attending the practical training on the topic "Vaccine. Vaccine prophylaxis". The class was held by Candidate of Medical Sciences Knaus A.A. with the first-year residents and practical training with the 2nd-year residents Allergology. Autoimmune diseases, assistant Dedova O.Y., and also attended the practical part - outpatient reception of patients experts received convincing data that the training is carried out according to the plan, before the beginning of the class residents answer tests, get feedback from the teacher, have the opportunity to improve skills on the studied problem. The organization ensures compliance with ethical aspects in the implementation of the educational program, as the experts studied the code of academic honesty (date of development 20.08.2021) and during the interview the residents answered that they were informed about the content of this document.

The analysis of educational activity has shown that the scientific basis and all achievements of science on advising disciplines are taken into account, additions to the bibliography of teaching materials and syllabuses are made, and teachers apply them in classes.

The system of mentoring residents is determined by the Regulations on the residency, approved by the decision of the Board of Karaganda Medical University NJSC from August 23, 2022, Minutes No. 18. Training in the residency is carried out under the guidance of the faculty and clinical preceptor, whose activity is regulated by the "Job descriptions of the clinical preceptor". Clinical mentor is appointed from among the qualified specialists of practical health care, working on the bases of residency, having a certificate and experience of at least 5 years in the relevant specialty. The mentor shares experience, professional knowledge, promotes the mastery of practical skills during joint clinical work. Clinical mentor with a certain periodicity gives feedback to the teacher, head of the EP on the achievements of the resident.

In the implementation of the educational program on Pediatric and Adult Allergy and Immunology 3 mentors are involved.

Academic mentor - responsible teacher (curator), is determined from among faculty members who have an academic degree of doctor, candidate of medical sciences, as well as the highest or first qualification category, actively engaged in scientific and practical activities in the field. The responsible faculty member during the academic year stimulates the resident's activity and advises him/her on portfolio creation. The responsible teacher and clinical mentors in the course of daily work give recommendations for further improvement of professional skills, mastering the norms of medical ethics and deontology, improving the general educational and cultural level, involvement in the social life of the department and clinical base. The procedure of informing residents about their rights and obligations is reflected in the Code of Academic Integrity, the EP, syllabuses.

This is evidence of compliance with Standard 2 in terms of adapting training to the needs of residents. At the same time, along with the principles of quality and academic integrity, which are described in the document Academic Integrity Code, the anti-plagiarism system operates in the organization.

2.2 Scientific method

During the first year of training, the head of the EP, teacher, clinical mentor determine the directions and topics of scientific projects, which are reflected in the individual work plan of the resident and approved at the meeting of the department, are consistently implemented by residents in accordance with the research desi.

During training, allergist-immunology residents acquire scientific research skills. By performing research projects (RBL), they develop skills of a researcher, medical expert, manager. Residents have been recruiting materials, processing data of statistical methods, writing articles on the scientific topic "Biomarkers of allergen-specific immunotherapy efficacy in patients with seasonal allergic diseases".

In the process of performing Independent work of residents (IWR), residents' study educational and scientific literature in the university library, use electronic resources, electronic scientometric databases (Scopus, PubMed, Elsevier, Cohhrane

library), Internet technology to perform scientific works. When talking with residents, experts learned that they use scientific data in training and know the basics of evidence-based medicine. Residents have access to clinical bases of the department - immunologic rehabilitation department of the Regional Children's Clinical Hospital, Olymp Medical Group LLP, Regional Allergy Center "Divera", City Center for Primary Health Care LLP, Clinic of Professional Health Karaganda Medical University NPJSC, Karaganda Regional Center for AIDS Prevention and Control SME give the opportunity to work with case histories, in the laboratory of collective use, access to information resources, a rich library fund, allows you to fully implement scientific projects.

The professors said that they train residents in methods of critical evaluation of literature, articles and scientific data, application of scientific developments. Residents of allergology-immunology take part in national and international scientific conferences, congresses, webinars and master classes in online format using remote technologies (Webex, Zoom), also actively publish articles and theses on current problems of allergology and immunology. Residents' publications included in Scopus, Russian Science Citation Index (RSCI), domestic publications, collections and conference proceedings are presented. When questioning the residents, it was found that the educational organization has access to the participation of students in research work and this is fully satisfied with 92.06% of people, partially satisfied with 6.35%, not satisfied with 1.59%. Residents should be engaged in Research Work (RW) and in response to the questionnaire 74,6% wrote that they are already engaged in R&D, 11,11% plan to start, 1,59% are in search of the topic of R&D, 1,59% do not want to engage in it.

2.3 Structure, content and duration of the residency program

The content, scope and sequence of modules/disciplines of the residency educational program, implemented by Karaganda Medical University NPJSC, correspond to the State Educational Standards. In the RUP, EP the logical sequence of mastering modules/disciplines that ensure the formation of competencies is shown. The basis for achieving the objectives of training in the specialty is the acquisition by residents of the necessary knowledge and key competencies in the core disciplines of the main component and elective component. Clinical work of residents during training is conducted under the guidance of clinical mentors, teachers. While forming the EP Pediatric and Adult Allergy and Immunology the contribution of each discipline to the formation of competencies at a certain level (course) is taken into account, i.e. the responsibility of both core disciplines and elective disciplines for the formation of competent graduates. The disciplines of the EP are logically interconnected with each other, sequentially studied by residents to form 6 profiling competencies of the Karaganda Medical University NJSC graduate.

For successful implementation of the educational program on specialty "___", the organization has resources to organize the assessment of practical skills of residents - Regional Children's Clinical Hospital, Olymp Medical Group LLP, Regional Allergy Center Divera, City Center for Primary Health Care LLP, Clinic of Professional Health

Karaganda Medical University NPJSC, Karaganda Regional Center for AIDS Prevention and Control SME.

Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes, in which 90.48% are fully satisfied, 9.52% are partially satisfied..

The question "Is there enough time for practical training (patient supervision, etc.)?" was answered by 90.48% of residents with full agreement, 9.52% partially agreed. At the same time, 92.06% of residents state that after the completion of the classes the instructor provides feedback (listening to your opinion, conducting a mini questionnaire, working on errors).

Questioned residents are fully satisfied with the schedule of training sessions 92.06%.

2.4 Learning organization and the interrelationship between postgraduate medical education and health care delivery

The EP is realized in accordance with the State Educational Standards 2020, 2022. The duration of training in residency in the specialty Pediatric and Adult Allergy and Immunology according to the State Educational Standards of RK is 2 years and includes 4200 academic hours, which is 140 credits (1 credit equals 30 academic hours). The EP consists of modules/disciplines of profile disciplines, as well as a component of choice. The EP includes profile disciplines of compulsory component - (134 credits/4020 h), elective component - (4 credits/120 h), final certification - (2 credits/60 h). The content and volume of disciplines of the mandatory component is strictly regulated by the State Educational Standards of the Republic of Kazakhstan and the standard curriculum of the specialty, which is reflected in the EP and Working Curriculum.

When attending the practical training session with first-year residents and the practical training session with second-year residents and talking to residents, the experts saw that the organization promotes the development of practical competencies of residents, including at outpatient appointments. At the same time, residents deepen their theoretical knowledge and develop communication skills.

Training of residents in the specialty Pediatric and Adult Allergy and Immunology is aimed at satisfying the needs of practical healthcare. Thus, when talking to the management of the organization Olymp Medical Group LLP of the Regional Allergy Center "Divera", they received information that the training of residents is carried out directly in the clinical departments, which the experts were able to verify. Residents of this specialty can supervise patients with such diseases as bronchial asthma, atopic dermatitis, allergic rhinitis, allergic conjunctivitis, pollinosis, drug and food allergies and others.

This is facilitated by mentoring, which is carried out in Olymp Medical Group LLP of the Regional Allergy Center Divera.

When questioning residents, 92.06% responded that teachers at the classes apply active and interactive teaching methods quite often, 4.76% believe that rarely or sometimes. During the visit to the educational organization, the experts were presented with Certificates of inclusion of information in the state register of rights to copyrighted objects for active teaching methods.

The EEC's conclusions on the criteria.

Standard 2: implemented

Standard 3: RESIDENTS EVALUATION.

Evidence of Compliance:

3.1 Evaluation Methods

Comprehensive assessment of residents' academic achievements in the university is regulated by the "Rules of the rating system of evaluation of students' progress" (section 5-7 of the Academic Policy of Karaganda Medical University NPJSC), compliance with which is mandatory for all students and structural units of the university - participants of the educational process.

Educational achievements (knowledge, skills, abilities, skills and competencies) of students are assessed in points on a 100-point scale, corresponding to the internationally accepted letter system with numerical equivalent (positive grades, in descending order, from "A" to "D", and "unsatisfactory" - "FX", "F") and grades on the traditional system. In order to determine the degree of achievement by the residents of the EP Pediatric and Adult Allergy and Immunology of the final training results and mastered competencies, current progress control, interim and final attestation is carried out.

Current control of residents' progress is carried out for the purpose of formative, systematic assessment and implies control of knowledge, skills and abilities at classroom (practical) classes, performance of tasks within the framework of the Independent work of residents with teachers (IWRT) and Independent work of residents (IWR). The curriculum of the discipline defines various types of current control of students' progress: oral questioning, written control, tests, complex control, case solving, presentations of homework, assessment at the "workplace", mastering practical skills in the Centre for Simulation and Educational Technologies (CSET), assessment of assignments on the Moodle platform and so on.

Current control of students' progress is carried out for each completed assignment by the resident (integrated assignment, which includes all types of educational work (classroom and extracurricular), including the mastering of practical skills using simulation technologies, patient management, duty at clinical bases, etc.). The policy of assignment grading with indication of its components, content, criteria and terms of assignment evaluation by disciplines are reflected in the syllabus.

At the current control of progress learning achievements of students are evaluated on a 100-point scale and the final result of the current control of progress, i.e., tolerance rating assessment (TRA) is determined by calculating the arithmetic mean of all grades received during the academic period. Current control is carried out by the faculty member and the clinical preceptor. The instructor is personally responsible for the timeliness and correctness of filling in the electronic logs. Evaluation of the current

control is carried out using evaluation sheets that allow evaluating various types of resident's activities.

Final control and interim certification of residents in Karaganda Medical University NJSC is carried out in accordance with the academic calendar, tolerance rating assessment (TRA) and syllabuses. The TRA provides a list of disciplines and the form of final control during the academic period.

The study of test instruments (200 tests, 30 tasks) showed that in Karaganda Medical University NJSC an appropriate assessment policy was implemented, which allows for a comprehensive assessment of residents' educational achievements. When interviewed, residents described the forms of assessment, e.g., testing, mini-clinical exam at the patient's bedside, and that they are satisfied with everything. They also receive regular feedback from faculty. Appeals for the EP Pediatric and Adult Allergy and Immunology.

There are external and internal reviews on control and measurement tools for EP Pediatric and Adult Allergy and Immunology.

During the visit to the organization, the commission verified that there is a documentation system in place that is transparent and accessible to all faculty and staff and includes such documents as annual operating plans, annual reports, unit regulations, faculty and resident contracts, teaching and learning documentation (work program, work study plans, syllabi, journals), assessment tools (checklists, sheets), report, certificates and testimonials. A review of the website showed that its pages contain documents necessary for residents and have information that is regularly updated.

3.2 Relationship between evaluation and learning

Organization of final control and interim certification (development of the draft schedule, coordination with structural units, placement of the approved schedule on the University student portal) is assigned to the registrar's office unit.

After completion of the discipline automated information system (AIS) Platonus generates the statement of tolerance rating assessment (TRA). TRA is summarized from the assessment of current progress control and is 60% of the final assessment of knowledge on the discipline. Registrar's office records educational achievements of residents, provides organization of all types of final control (40%) and calculation of academic rating of students. Examination list of the final control is printed in the department of the office-registrar, which is engaged in accounting and registration of the academic rating of students throughout the period of training.

The form and procedure of the final control for each academic discipline/module are discussed annually at the meeting of the department and the Board of SRPD.

Transparency and accessibility of assessment procedures is ensured by free access to the Academic Policy of the university, as well as to the syllabuses of disciplines/modules, examination schedules, testing tools (list of final control questions, specification of test tasks, examples of tasks) of all interested parties - teachers, students, office-registrars through AIS Platonus, Karaganda Medical University NJSC student portal.

In KMU NJSC experts did not receive supporting data on reliability, validity of assessment methods for EP Pediatric and Adult Allergy and Immunology.

Residents shared their opinions on the timeliness of test submission, clarity of the entire assessment procedure, and its fairness. For example, residents told that the assistant Dedova O.Y. conducted counseling before the exams

During the visit to the organization, the management was asked: "Are external examiners involved to improve the fairness, quality and transparency of the assessment process?". And the answer was "yes".

The experts inspected the resources for organizing the assessment of knowledge and practical skills, namely the clinical base, Centre for Simulation and Educational Technologies (CSET). Residents learn practical skills at multidisciplinary trainings within the framework of the school of young internist, journal club. Residents participate annually in the competition "Territory of Emergency Conditions" organized by CSET in collaboration with the departments. Thus, in 2022-2023 academic year residents in teams of different specialties, including residents in the specialty **Pediatric and Adult Allergy and Immunology**: residents of the 1st year Kemelbekova N. and Gorkovets A.V. (18.11.2022) participated in this competition on the topic "Road traffic accident". The members of the committee for evaluating the teams' actions include faculty members and doctors of practical health care. Resident of the 1st year Kemelbekova N.A. was awarded a diploma of the degree I (certificate).

The interviewed representatives of employers, in particular Olymp Medical Group LLP Regional Allergy Center Divera, also pointed out the compliance of graduates' training with the modern development of medical practice and science. Employers said that they themselves participate in the evaluation of residents. Participation of representatives of practical healthcare at all stages of evaluation, heads of departments, attending physicians, nursing staff, as well as patients during the 360°-evaluation of residents, ensures objectivity and fairness of the evaluation. Thus, for the final certification in 2020-2021 academic year by the order of 31.12.20, No. 262 on "On approval of the composition of the AC for 2020-2021 academic year" the certification commission included representatives of practical health care. Chairman approved Toksambayev G.S. - Head of Health Department of Karaganda region. The department provides for consideration and discussion at the Board of SRPD proposals on the composition of the attestation commission, which are approved by the decision of the Senate (Decision of the Senate from 24.12.20, Minutes No. 5).

The EEC's conclusions on criteria meet out of 11 standards (including 7 basics, 4 improvement standards): fully -9, partially -2, not meet - 0.

Standard 3: implemented

Recommendations for improvement identified during the external visit:

1) Develop and implement a program to determine the validity and reliability of resident assessment methods (items 3.1.4 and 3.1.6).

Standard 4: RESIDENTS

Evidence of Compliance:

4.1 Selection and Admission Policy

Admission of students to the residency in Karaganda Medical University NJSC is carried out on the basis of the section "Rules of admission, students' progress, certification" by the Academic Policy of Karaganda Medical University NPJSC, which is reviewed annually. Persons who have completed the EP of higher education and internship are admitted to the residency program. Persons are admitted to the EP in the residency program on their applications based on the results of the entrance exam on a competitive basis. For the period of conducting entrance examinations to the residency, the examination and appeal commissions for specialties are created.

In Karaganda Medical University NJSC the order for admission of citizens to the residency is developed in accordance with the Model rules for training in educational organizations implementing educational programs of higher and postgraduate education (order of MSE RK No. 600 from 31.10.2018) and the Rules of placing a state order, admission to training and training of medical personnel in residency (order of MH RK № KR DSM-270/2020 from December 15, 2020).

4.2 Number of residents

The number of accepted residents for the educational program Pediatric and Adult Allergy and Immunology in 2019-2020 academic year accepted 6 people, in 2020-2021 academic year there were no accepted residents, in 2021-2022 academic year accepted 3 people, in 2022-2023 academic year accepted 4 people.

Karaganda Medical University NJSC regularly reviews its residency admission policies: for the 2019-2020 academic year (approved by Karaganda Medical University NJSC Senate on October 22, 2019, Minutes No. 1), for the 2021-2022 academic year (approved by the Senate on May 21, 2021, Minutes No. 10), and for the 2022-2023 academic year (approved by the Board of Directors on May 27, 2022, Minutes No. 37); <https://www.qmu.edu.kz/media/qmudoc/OPResRus.pdf>. In 2023, the entrance exam includes the result of the I stage of independent examination/result of the examination for a certificate of a specialist, the result of comprehensive testing on the profile of the educational program of residency and GPA for the entire period of training (bachelor's degree and internship). In case of the same indicators of competitive points, the priority right for admission to the residency is given to those who have a medical experience, scientific achievements, corresponding to the profile of the educational program (for the last 5 years):

During the period of entrance examinations, examination commissions for groups of educational programs are created by order of the Chairman of the Board-Rector.

4.3 Number of residents

Support and counseling in the residency on the EP Pediatric and Adult Allergy and Immunology is carried out with the direct participation of faculty and clinical mentors of the clinical base, where the training of residents is carried out. Consulting on all issues of the educational process organization on the mastering of compulsory and elective disciplines is carried out by the faculty, head of the EP, head of the department, Residency and Professional Development School. The staff of the Residency and Professional Development School together with the staff of the department provide information support to all students. Information about residency training is also posted on the University's official website (in the tab Education→Academic Entrance

Examination for Postgraduate Education (Master's, Residency, Doctorate) → Residency, Karaganda Medical University NJSC Student Portal

In order to ensure and maintain an active dialog with students in the managers' work schedule at all levels, time for meetings is determined. On the official website of Karaganda Medical University NJSC there is a virtual reception of the rector, which allows students to submit their proposals for optimization of management processes. Also, students can send their proposals to deans, vice-rectors and other heads of structural units via corporate e-mail.

To ensure effective information support of educational activity management processes of the university, the automated information system (personal meetings, corporate mail, telegram-bot, where deans, deputy deans of schools, employees of structural divisions participate), "PLATONUS" is used, which informs students about the educational process, as well as provides the possibility of electronic interaction with the Unified higher education management system (UHEMS). Currently, the KMU NJSC has a Student Service Center (hereinafter - SSC), which provides services to students on the principle of "one window". The principle of work is in the quality and availability of services, inadmissibility of bureaucracy and red tape in the provision of services. Anti-corruption, accountability and transparency in the sphere of services. AIS provides optimization of work of all participants of the process and electronic document flow.

On the website of KMU NJSC on the main page there are tabs "Rector's Office online", "Rector's Blog". Heads of structural subdivisions conduct admission of students in accordance with the admission schedule (information is posted on the website). The Internal Medicine Department has established schedules of faculty consultations.

The School of Residency and Professional Development hold meetings and gatherings with residents, where various issues related to training, student support services, etc. are also discussed.

4.4 Residents' representation

Residents have a real opportunity to participate in the organization of the specialty curriculum during direct discussion of the educational program, at the level of development of individual curriculum and selection of elective disciplines. Residents' representatives are included in the members of the SRPD Council, Commission for Quality Assurance of the School of Residency and Professional Development (CQASRPD) and Senate.

Resident physicians are regularly invited to the meetings of advisory bodies and participate in the discussion of issues in the context of the specialty. Proposals and recommendations of trainees are necessarily taken into account by members of the advisory bodies and taken into account in the formation of the final decision of the meeting.

4.5 Labor conditions

In the University has developed "Regulations on inclusive education in Karaganda Medical University NJSC from 09.12.2020. Protocol No. 26, in accordance with the Constitution of the Republic of Kazakhstan, the Order of the Minister of Education and

Science of the Republic of Kazakhstan from October 31, 2018 No. 600, the Charter and internal regulatory documents of Karaganda Medical University NPJSC.

"Regulations on Inclusive Education in Karaganda Medical University NPJSC, approved by the decision of the Board on December 9, 2020, Minutes №26, allows students with disabilities (HIA) to provide access to quality education in a joint educational environment with students who do not have such limitations. There are no such persons among residents-allergists. Resources for the provision of learning conditions for persons with special needs are defined and approved in the Work Plan for Inclusive Education, which was approved at the Senate meeting in October 2020. According to this plan, a working group is discussing with members of the University Board new positions in the development plan of KMU NPJSC. A request for the purchase of special literature for visually impaired people in the book fund of the scientific library of KMU NJSC was formed.

Marker signs were produced to designate seats in the university's reading room for persons with special educational needs. In accordance with the policy of inclusiveness, the university equipped a ramp for assistive vehicles in the new building and reconstructed the entrance group in the main academic building to ensure the passage of wheelchairs. Also, in the new academic building, commissioned in 2016, elevators have been put into operation and are connected by a warm passage to the main building. This makes all classrooms accessible to people with limited mobility capabilities.

Special EP of residency education for persons with special educational needs is not developed. The University proceeds from the fact that inclusiveness implies not exclusion, but inclusion of students with special educational needs into the general EP, creating conditions for mastering the general programs. In this regard, a corresponding position is introduced in the AP of the university, determining the right of the student to an individual approach in the organization of the educational process. Flexible organization of classes and individual mode of final control at the request of a student with special needs is supposed. The solution of such issues is delegated to the schools of KMU NPJSC, in coordination with the departments and Department of Academic Affairs (DAA).

There were no resident allergist-immunologists who required training in an individualized program at the KMU NPJSC.

In KMU NJSC planning of duty in inpatient and outpatient settings by residents is carried out in coordination with the heads of medical organizations, taking into account the needs in the provision of medical care to patients. In case of industrial necessity, the administration of medical organizations provides staffing by involving residents in additional part-time work. During residency training and clinical practice, the resident works under the supervision of a clinical mentor: on the basis of clinical observations and examination, history taking, data of clinical, laboratory and instrumental studies, establishes a diagnosis, makes changes to the treatment plan depending on the patient's condition and determines the need for additional methods of examination.

When communicating with patients, observes medical ethics, has no right to disclose confidential information about the residency base, patient data. The data of

reports on duty and supervision are entered into the evaluation sheets without specifying the personal data of patients.

The EEC's conclusions on the criteria. Meet out of 20 standards (including 14 basics, 6 improvement standards): fully - , partially - , do not meet - 0

Standard 4: implemented

Standard 5: FACULTY MEMBER

Evidence of Compliance:

5.1 Recruitment and selection policies

Karaganda Medical University NJSC has formed and implements a personnel policy and employee performance management system (EPMS) to maintain at an optimal level the number and quality of employees, their professional and social development to ensure the high quality of the educational process and training of competitive specialists in residency, taking into account the needs of the labor market.

The policy of selection and admission of academic staff at the university is implemented in accordance with the Labor Code of the Republic of Kazakhstan dated November 23, 2015 No. 414-V.

In the rules of admission of employees at employment in Karaganda Medical University NPJSC, Rules of competitive filling of vacant positions, personnel policy, which reflects the procedure and rules of selection of potential employees in accordance with the requirements of the standard qualification characteristics of positions of medical education employees on the basis of the order of MSE RK dated July 13, 2009 № 338 "On approval of standard qualification characteristics of positions of pedagogical workers and persons equated to them" with additions and amendments as of 31. March 2022.

Announcements about the competitions are publicly available on the university website, which allows both university employees and external applicants to participate in the competition. Hiring decisions are made collegially by a panel to interview candidates for employment.

Total staff 4, including full-time teachers 2, part-time 2.

During the questioning of teachers, it was found that the majority (93.75%) are fully satisfied with the organization of work and workplace in this educational organization, but 6.25% are partially satisfied. In this educational organization teachers have an opportunity to do scientific work and publish the results of research and development - 90,63% fully agree, 9,38% partially agree. They are satisfied with the work of HR (personnel) service - 87,5% completely agree, 9,38% partially agree. Satisfied with the salary - 53,13% fully agree, 12,5% partially agree.

5.2 Faculty Commitment and Development

The expert checked the certificates of teachers by specialty and pedagogical competencies.

There is an opportunity for career growth and development of teaching competences in the organization - 90,63% of questioned teachers answered and 9,38% partially agree with it. They have attended professional development programs - 87,5%

during the given year, 9,38% more than 5 years ago and 3,13% answered "don't remember when it was".

The organization has social support programs for teachers - 78.13% responded that "yes, there are such programs", 3.13% "I have already taken advantage of it", 3.13% responded that there are no such programs and 15.63% of the respondents do not know about it.

The EEC's conclusions on the criteria.

Standard 5: implemented

Standard 6: EDUCATIONAL RESOURCES

Evidence of Compliance:

6.1 Facilities and equipment

Karaganda Medical University has sufficient material and technical base, allowing to create all conditions for training of qualified specialists with achievement of final results and competencies in the specialty Pediatric and Adult Allergy and Immunology.

The total area of the main educational buildings of the University is 29160.6 square meters, the area of dormitories is 30162.9 square meters.

On the territory of the Clinic of the Medical University, occupying an area of 2122 square meters, the main and auxiliary departments, there are also teaching rooms.

Lecture halls and classrooms are equipped with multimedia support, with Internet access and with modern computers.

The leading role in providing residents with information resources is played by the library. The total area of the library is 1526 square meters, the book storage area is 941.6 square meters. The number of seats in the reading rooms is 443.

6.2 Clinical facilities

The clinical bases for residents studying in the specialty Pediatric and Adult Allergy and Immunology are: Olymp Medical Group LLP, Regional Allergology Center Divera, Regional Children's Clinical Hospital SME, City Center of Primary Health Care LLP, Clinic of Professional Health KMU NPJSC, Karaganda Regional AIDS Prevention and Control Center SME. The review of resources showed that they correspond to the goals and objectives of educational activities, so, the clinical base of Olymp Medical Group LLP of the Regional Allergy Center "Divera" was visited. KMU NPJSC staff provides collegial and ethical relationships with nursing staff, clinical base management to achieve resident outcomes. Adequate number of subject patients, modern equipment and accessibility to trainees is ensured, and staff members who serve as both educators and supervisors (mentors) ensure quality training with ethics and deontology. Before starting the relevant discipline of the educational program, the resident receives a syllabus from the instructor and knows what skills he/she should acquire and develop during the training period.

During the visit to the clinical base of Olymp Medical Group LLP, Regional Allergy Center "Divera" where the experts conducted a survey of resources, their compliance with training programs, accessibility for teachers and residents, how modern the equipment is and meets the needs of trainees and practical health care. The experts

obtained evidence of compliance with Standard 6, as well as validation of the self-assessment report information.

In order to validate the fulfillment of the self-assessment report data and to obtain evidence about the quality of programs, an interview with residents in the specialty of Pediatric and Adult Allergy and Immunology was conducted. Experts asked questions about satisfaction with training, sufficiency of time for patient supervision, work in DamuMed with medical documentation, satisfaction with teaching methods and qualification of teachers, social and moral support for residents in need, participation in the "Journal Club", availability of resources of international databases of professional literature. Residents actively use data from scientific literature (Medline, Cochrane Library, PubMed, Google Scholar, etc.). Through the University website it is possible to access the Cochrane Library, Medline, PubMed, Google scholar databases where residents study international databases on evidence-based medicine, clinical protocols; scientometric databases (Scopus, Elsevier). In general, residents are satisfied with training, evaluation methods, and purposefully entered this organization, as they believe that the educational organization has good resources, image and international connections, at the same time residents would like more independence in the management of patients, participation in international conferences and projects.

The residents showed their commitment to the organization of education, were active in answering the questions of external experts, demonstrated their judgment on the organization of training, assessment of their skills, advisory support, opportunities to participate in Research Work, funding, demonstrated proficiency in English (availability of IELTS certificate). The experts studied the residents' documents (portfolios, results of residents' assessment-checklists, results of residents' questionnaires).

6.1 Information technology

The total area of the library is 1526 square meters, the book storage area is 941.6 square meters. The number of seats in the reading rooms is 443 seats. The library includes: the department of acquisition and bibliography and the department of service of scientific and educational literature (consists of the scientific literature subscription, two subscriptions of educational literature, reading room and the hall of periodicals, the hall of electronic resources, interactive hall). The computer park of the library consists of 113 computers, of which 88 thin clients (TC), 21 personal computers (PC) are located in the subdivisions of the library, 4 PCs and 63 TCs - in the hall of electronic resources and 25 TCs - in the interactive hall

The whole park of computers is connected to the INTERNET network. Wi-Fi zone is spread all over the territory of the library. There are 2 scanners for users in the Electronic Resources Hall. The interactive hall is equipped with a short-throw projector. For the students there is a Scientific Employee Hall equipped with 15 computers connected to the Internet, which allows to have access to all information resources of the university. Service of users in electronic halls is provided from Monday to Friday from 09-00 to 20-00, on Saturday from 09.00 to 18-00. There are 2 information booths installed in the library, with the help of which users can make an electronic order of the necessary literature through the electronic catalog on the basis of the module "WEB-IRBIS".

The total fund of the University library as of 01.11.2022 is 450 374 / 42 710 (copies / titles) and meets the requirements for literature provision.

For realization of educational process on specialty Pediatric and Adult Allergy and Immunology book supply of basic and additional literature is 100%. The book fund on the EP is 1983 copies, of which the total number of textbooks, including in the Kazakh language, is 1030 copies, scientific literature - 937 copies, periodicals - 5, electronic publications - 11 (Annex to paragraph 6.1.1 B).

The documentary fund is formed in the following way:

- educational editions are purchased at the request of the departments in accordance with the curriculum and programs of the university;
- scientific editions and other types of documents are purchased on the principle of satisfying readers' requests (students and teachers).

For the last 3 years there is a dynamic of decrease in the purchase of educational literature in printed format, due to the increase in subscription to educational electronic resources. For 5 years the University has been subscribing to electronic libraries "Student's Consultant", "Doctor's Consultant", "Lan", "Epigraph", "Akpurpass", "RIEL", which include more than 10,000 titles of electronic educational, educational, methodological and additional publications on various disciplines in the state, Russian and English languages. Also, students and teachers have access to international databases "Cochrane Library", "EBSCO", "BMJ Best Practice", "BMJ Learning", "CBS eBooks". The library provides timely and free access to library resources to all categories of readers in the electronic resource's hall, interactive hall and for remote users.

Access to library resources is provided through the electronic catalog, bibliographic and full-text databases integrated into the information-analytical system of the University. In order to expand information resources, improve the efficiency of information and reference bibliographic services, the Library and Publishing Center replenishes full-text databases of its own generation, access to which is provided through the electronic catalog on the website and portals of the KMU in case of user authorization (by IIN). The volume of the electronic catalog of the KMU is 83,740 records.

To increase the rating of scientific activity and publication activity of the University by promoting its scientific works in the Internet, in 2018 the KMU NJSC Repository was created, which is included in the global catalog of open access repositories Open DOAR and in the Google Scholar search engine. In 2022, the number of publications and scientific papers posted in the KMU NJSC Repository is 528 scientific papers.

The staff of the departments annually to update and replenish the fund of basic and additional literature and necessary educational equipment are formed requests and submitted, respectively, to the library and to the state procurement department for their subsequent purchase.

In the future, as the necessary literature is received, the map of educational-methodical provision of literature on disciplines of residents of 1,2 courses is formed.

The library annually develops and updates the user's manual of the University's subscription electronic resources. The "Library" section in Kazakh, English and Russian languages is placed on the KMU website, where on the page "Links to information resources" there are links to user manuals for electronic resources. In addition, user guides for users of electronic resources of the University are placed on the "Student Portal" in the "Library" section.

6.4 The clinical teams

Resident physicians of the specialty Pediatric and Adult Allergy and Immunology work closely in a team with residents and physicians of various therapeutic and pediatric specialties.

Actively participate in consultations with a clinical preceptor. Independent work of residents under the guidance of a clinical mentor at clinical bases is constantly accompanied by participation of residents in teamwork with fellow residents of related specialties (Pediatrics, Therapy, Gastroenterology, Dermatology, Infectious Diseases) and other health care professionals, which is expressed in joint discussion of the plan of management of patients, taking into account the recommendations of physicians consultants.

6.5 Medicine science research and achievements

As part of the implementation of the research, residents in the course of IWR analyze literary sources, working in the library with the use of electronic resources. Faculty members provide consultative assistance in the implementation of research work by residents, which allows to improve the skills of scientific research, statistical processing. Provided access to clinical databases of the department, gives the opportunity to work with case histories during the recruitment of clinical material. Sufficient material and technical base of KMU NJSC (library fund, electronic resources, access to the laboratory of collective use, etc.) contribute to the implementation of research by residents and the formation of skills to conduct scientific research with the possible further application of this knowledge when entering the PhD doctoral program..

The head of the scientific circle Assistant Professor Marina R. Izmailovich holds meetings with residents on the methodology and stages of writing a review article, current scientific databases that help systematize and store various publication materials, search for literature sources when writing a scientific article, such as Scopus, RINC, Google Scholar.

Upon completion of training, residents present the results of scientific-research activities at scientific conferences and in the form of publications. Interviews with 4 faculty members, including 2 full-time faculty members, showed that there is access of residents to equipment, sufficient number of case patients, time for medical documentation, independent work.

6.6 Expertise in the field of education

Examination of EP at Karaganda Medical University NJSC is carried out at the stages of development, approval and updating of EP. The policy and procedures for the examination of EPs are regulated by the Regulation on the management of the

educational program of KMU NPJSC. The EPs in the areas of residency are developed by the head of the EP in accordance with the National Qualifications Framework, professional standards, Dublin descriptors and the European Qualifications Framework. Expertise of the EP Concept is carried out by the Academic Committee of the Senate of the KMU NPJSC. The EPs are internally reviewed by the Quality Assurance Commission of the School of Residency and Professional Development.

The committee composition is approved at the school meeting and includes faculty from the school, representatives of practical health care (employers) and residents. Residency EPs are approved by the Board. The EPs are included in the Register of UHEMS when approved by external reviewers-experts.

The EP Pediatric and Adult Allergy and Immunology is regularly evaluated by obtaining feedback from residents, faculty and employers, as well as conducting analysis of residents' educational achievements. Resident and residency alumni questionnaires are used as feedback for interventions and corrective action plans to improve the EP. The sources of information are the results of students' progress in disciplines, results of questionnaires, reports of departments, schools, office-registrar, acts of external and internal inspections, final attestation reports. The analysis of these sources allows to identify weaknesses and determine further ways to improve the EP.

Expertise, is conducted in the form of analyzing the needs for specialists, analyzing resident training methods, and the results draw conclusions about the quality of innovative changes in postgraduate education.

6.7 Training in other organizations

Based on the memorandum of cooperation with Batumi International University in 2019 2 residents of allergologist-immunologist were trained on academic mobility, order No. 9 from 14.01.2019.

On the basis of the agreement with Research Institute of Cardiology and Internal Diseases JSC 5 residents were trained in this organization under the guidance of the chief freelance allergologist of RK T.T.Nurpeisov, order No. 245 from 04.11.2019.

The EEC's conclusions on criteria. Meet out of 18 standards (including 11 basics, 7 improvement standards): fully - , partially - , does not meet - 0

Standard 6: implemented

Recommendations for improvement identified during the external visit:

- 1) 6.7.3 Provide for academic mobility of faculty members

Standard 7: EVALUATION OF EDUCATIONAL PROGRAMS

Evidence of Compliance:

7.1 Monitoring and evaluation mechanisms

Assessment and monitoring of the EP is carried out in accordance with the Regulation on Academic Policy (approved by the Senate dated August 27, 2021), the Regulation on Educational Program Management (from September 09, 2020 pr. 14, amended from January 11, 2021 pr. 1). The monitoring system is a continuous multilevel process, which covers the assessment of all areas affecting the quality of the EP.

The monitoring mechanism of the EP includes several stages: planning, data collection, analysis/conclusions, necessary improvements and subsequent monitoring of changes. According to the Academic Policy of KMU NPJSC, all university structures involved in the implementation and quality management of the EP participate in the monitoring of the EP. Each stage and level in the quality assurance system of the EP is regulated by relevant normative-regulatory documents. The solution of issues on the management of the educational program is entrusted to the School Councils, the quality of the EP is ensured by the participants of its implementation: Dean of the School, Head of the EP, module coordinators, those responsible for the discipline, heads of departments, teachers. Since 2020-2021 academic year, the Commission for ensuring the quality of the EP has been established, the main function of which is to monitor the implementation of the educational program, and assess the satisfaction of all stakeholders (Regulation on the EP Management).

Intra-departmental monitoring is conducted by the department staff according to the Department Plan. Every month at the meetings of the department, schools discuss the methodological support of the EP, the implementation of the curriculum, the results of quality control of the educational process, the analysis of students' academic achievements. Monitoring of the EP at the university level is carried out through the discussion of the program context at the School Councils, whose members are faculty members of the departments, employers and students. One of the mechanisms of continuous monitoring and improvement of the program is a systematic survey of teachers, students and employers. The obtained results are discussed at the meetings of the department, Schools, meetings, Academic Committee, University Senate.

Quality assessment at the institutional level is ensured by the Division of Strategic Development and Quality Management.

7.2 Faculty and resident feedback

The HEI has an effective, continuous mechanism of internal quality assessment and expertise of educational programs, providing control over the implementation of the curriculum and objectives, as well as feedback for their improvement. The University's advisory bodies (SRPD, Quality Assurance Commission) have a proper representation of stakeholders in the evaluation of the educational process and the final results of resident training programs. The members of the SRPD, the Commission participate in the discussion, review of the developed EP, monitor the EP during its implementation in order to identify weaknesses for subsequent corrective actions and improvement of the EP. At the level of departments, the assessment of satisfaction with the educational process is carried out at the end of each discipline. The academic department carries out a questionnaire survey of 100% of residents in order to analyze satisfaction with the quality of training, identify weaknesses and strengths, reasons for dissatisfaction with the training process. The results of the residents' questionnaire are discussed at the department meeting, with the subsequent decision-making on the organization and content of the EP in order to improve it. Employers are annually questioned on their satisfaction with the degree of training of graduates. The total number of surveyed in 2022-2023 academic year 164 people, the level of satisfaction with the quality of training graduates 4.6 points out of 5. The Quality Control Commission analyzes the

results of the survey with subsequent discussion at the meeting of the SRPD and decision-making on the improvement of the EP. The plan of corrective measures based on the results of employer satisfaction questionnaires is in place. Employers are involved in the discussion of the expected learning outcomes; in the assessment of students' learning achievements and educational trajectories. Based on their feedback and recommendations, the key and final competencies of the graduates of the residency EP are formed. The use of feedback from stakeholders has a systematic character when making changes in the educational program: the list and content of disciplines in terms of competence approach, improvement of teaching methods, the system of final control and evaluation of students' knowledge.

7.3 Resident and graduate outcomes

The Residency and Postgraduate Development School in collaboration with the Head of the EP conducts annual monitoring of the employment of residency graduates. The percentage of employment of graduates in the specialty Pediatric and Adult Allergy and Immunology amounted to 100%. The Strategic Development and Management Department conducts an annual survey of employers on their satisfaction with the quality of training of graduates. The Strategic Development and Management Department and heads of EPs receive feedback from students, representatives of practical health care in the form of survey results, letters of appreciation.

In 2022, 32 employers were surveyed (response rate 71.1%). The level of graduates' achievement of the required competencies amounted to 4.5 points out of 5, the level of satisfaction with the quality of graduates' training 90%, no employer rated the quality of training low.

7.4 Stakeholder engagement

General management of the residency and overall supervision of all aspects of the implementation of residency programs at the university level is carried out by the Vice-Rector for Scientific and Clinical Work.

The structural unit responsible for the implementation and effectiveness of the residency EP is the School of Residency and Professional Development. All stakeholders (faculty, residents, employers) are involved in the program evaluation process through representation in the relevant structures. Resolving issues on the organization and implementation of residency programs is carried out at the meetings of the Board of the School of Residency and Professional Development, which is a collegial body consisting of heads of departments that implement resident training, heads of EPs in residency specialties, employers, residents.

Direct management of resident training is carried out by the head of the EP in the specialty of residency. At the stage of development and approval of the EP it is coordinated with leading specialists in the direction of residency from practical healthcare. After their positive feedback, an internal expert review of the EP is carried out by the Commission for Quality Control of School of Residency and Professional Development

The composition of the committee includes Higher-Education Teaching Personnel, representatives of practical healthcare and residents. The faculty and clinical preceptors

are jointly and severally responsible for the training of the resident and for the results of his/her training.

7.5 Approval procedure for educational programs

The EP 7R01103 Pediatric and Adult Allergy and Immunology is developed in accordance with the license for the right to conduct educational activities within the groups of educational programs according to the classifier of training directions, in accordance with the "Regulations on the management of the educational program" and the Academic Policy of KMU NPJSC. In the process of educational program development and educational activity monitoring in the framework of the EP involved all stakeholders, including students and employers. At the stage of EP development, the EP is simultaneously evaluated, as it is discussed at the meetings of the departments, School of Medicine, undergoes the expertise of the Commission for Quality Assurance of the School of Residency and Professional Development and is approved at the meeting of the Board. The University has formed a pool of experts who conduct expert evaluation of educational programs, including at the planning stage.

The EP Pediatric and Adult Allergy and Immunology was discussed at the meeting of the Clinical Department Immunology, Allergology and Microbiology (Minutes No. 10 dated May 31, 2019), reviewer M. A. Gazalieva the chief physician of Karaganda branch of Olymp Medical Group LLP regional allergy center "Divera"; at the meeting of the School of Residency and Professional Development (Minutes No. 4 dated June 07, 2019); the EP is agreed with the supervising vice-rector, approved by the Chairman of the Board Rector KMU NJSC R.S.Dosmagambetova (Minutes № 10 from 27.06.2019). The EP has passed external examination in ESUHE and after the positive decision of experts is placed in the register of the Unified System of Higher Education Management (http://esuvo.platonus.kz/#/register/education_program/application/24788).

The EEC's conclusions on criteria. Meet out of 10 standards (including 7 basics, 3 improvement standards): fully - , partially - , does not conform - 0

Standard 7: implemented

Standard 8: MANAGEMENT AND ADMINISTRATION

Compliance Evidence:

8.1 Governance

Implementation of the educational program of residency in the specialty Pediatric and Adult Allergy and Immunology is carried out in accordance with the license № KZ32LAA00016018 from 06.05.2019 in the direction of 7R091 Healthcare (medicine).

Management of the educational program is carried out in accordance with the normative legal acts approved by the authorized bodies of the RK, as well as established by the internal normative document of the Academic Policy of KMU NPJSC, the Regulations on the management of the educational program, the Regulations on the residency program.

KMU NJSC Academic Policy determines the internal selection criteria and their rules, the system of rating assessment of academic performance; interim certification;

rules of final certification; rules for granting academic leave to students; rules of transfer, expulsion and reinstatement; organization of academic mobility; rules for issuing duplicate documents; rules for organizing the educational process of distance education technologies; rules and procedures for the verification of works for originality; rules for recognizing the results of the educational program; rules for the recognition of the results of the educational process. Implementation of the educational program in accordance with the regulatory documentation allows to ensure the formation and improvement of basic skills of students..

Management of the educational program is carried out on the basis of the Regulations on the management of the educational program in KMU NJSC (09.09.2020, order No. 14 of the Board meeting). Coordination of implementation, control and monitoring of program implementation is carried out by the Residency and Professional Development School under the supervision of the Vice-Rector for Scientific and Clinical Work (Organizational Structure 03.10.2022, Order No. 40 of the Board of Directors).

Assessment of residents and achievement of training final results on the residency program is carried out on the basis of independent examination. Documenting completion by awarding degrees, diplomas, certificates or other official credentials to graduates.

8.2 Academic leadership

Management of the educational process is carried out in accordance with the organizational structure of KMU NJSC (approved by the Board of Directors, Minutes No. 40 of October 30, 2022). The governing body is the Board of Directors, the executive body is the Management Board: Chairman of the Board - Rector, Vice-Rector for Academic Affairs, Vice-Rector for Strategic Development and International Cooperation, Vice-Rector for Scientific and Clinical Affairs, Managing Director.

The Management Board is responsible for financial and economic activity, safety of the University property, for the organization of anti-corruption, solves issues of the University activity in accordance with its competence determined by the legislation of the Republic of Kazakhstan and the Charter of KMU NPJSC. The composition of the Management Board members is approved by the Board of Directors.

Issues of residency training and clinical process of the university are supervised by the Vice-Rector for Scientific and Clinical Work. Vice-rector for scientific and clinical work directly supervises the scientific and clinical activities of the university and relevant structural units, controls the fulfillment of the requirements of normative documents of postgraduate and additional education.

The Senate of the University is a collegial advisory body. The objectives of the Senate are to consider, propose and approve documents on issues of educational, research and clinical activities of the university; to create the necessary conditions for students and faculty of the university; to define the concept of the development program for scientific, educational and clinical activities of the university.

The Academic Committee of the Senate carries out the analysis of the effectiveness and development of recommendations to improve the management of educational activities in KMU NPJSC, expert examination of issues of strategic

development of educational activities of KMU NPJSC; expert support for the development of academic policy of KMU NPJSC; consulting on quality assessment of educational programs of KMU NPJSC

The general management of the School is carried out by a collegial representative body - the School Council (Regulation on the School Council of 26.08.2019 pr.8 of the Board of Management), which organizes its work under the guidance of the Dean of the School. The Council membership is approved by the Dean's order. The School Council consists of: Dean, Deputy Deans, faculty - 60%, employers - 20% and students - 20%. Employers - representatives of regional health departments, medical organizations, scientific organizations, public and professional associations (associations), as well as representatives of the University's own clinics. The main functions of the School Council are: consideration and approval of strategic directions of school development, including the opening of new educational programs for training specialists, consideration and examination of the educational program, working curricula of educational programs, determination of the forms of final control in coordination with the departments/heads of educational programs and other functions.

The School Quality Assurance Commission (SQAC) shall be approved by the School Board and shall act on the basis of the regulation on the management of the educational program. The SQAC is an advisory body and is in direct interaction with the School Board. The purpose of the SQAC activity is to examine the content and conditions of the educational program implementation, to assess compliance with the assessment policy and other academic issues of the School, as well as to analyze the students' satisfaction in terms of compliance with the quality of the educational program and/or disciplines/modules, as well as the facts of violation of academic integrity. The main functions of the SQAC are: assessing the quality and effectiveness of the introduction and implementation of the EP, including consideration of applications of students/PSS on the implementation of the EP, monitoring the results of satisfaction of employers and students, monitoring the quality of interim and final certification, monitoring the results of external evaluation and implementation of recommendations; making proposals to the School Board regarding changes to the EP; assessment of students' satisfaction with the quality of the EP and/or disciplines/modules, as well as the facts of violation of academic integrity; analysis of subject competencies and needs HETP involved in the implementation of the relevant EP, and needs in the development of competencies; conducting planned and pre-accreditation monitoring of educational programs; assessment of the quality of teaching methods and testing tools.

Direct management of residency educational programs and coordination of residents' activities is carried out by the School of Residency and Professional Development. The main purpose of the School's activity is to conduct continuous organizational, coordination and administrative work aimed at achieving the mission and goal of the educational programs. The School is subordinated to the Vice-Rector for Scientific and Clinical Work. The Dean of the School of Residency and Professional Development is responsible for the management of the School of Residency and Professional Development. The School of Residency and Professional Development is responsible for decision-making: development and implementation of educational

programs, introduction of new educational programs in the specialties of residency, development and formation of working curricula taking into account the requirements of state general education standards of education, educational programs of residency and the catalog of elective disciplines, recommendations on the recruitment of residents and selection of teachers in the departments that train residents. The School provides supervision of residents, support of relations with the practical health sector and residency alumni, interaction with other structural units of KMU NJSC involved in the implementation and support of residency programs (Department of Academic Affairs (DAA), Student Services Center (SSC), Department of Economics and Finance DEF, etc.).

The organization of the educational process in KMU NJSC is regulated by the working curriculum of the educational program, the schedule of classes and the resident's Individual Education Plan (IEP). Assessment of the organization of training at the departments is carried out through the systematic control of the departments by the School. Organization, planning, provision, monitoring, control and analysis of the educational process of KMU NJSC in order to implement educational programs in accordance with the normative documents is carried out by the Department of Academic Work. Also the department carries out accounting and control of the contingent of students, maintains personal files of students and timely submission of all types of reports on the contingent of students to higher and outside organizations, the rector and vice-rectors, carries out registration of students for academic disciplines, accounting of mastered credits, the organization of interim and final attestation and maintenance of the entire history of educational achievements of students, optimizes the business processes of educational and educational activities through the transition to the provision of services in online.

The main educational-scientific-clinical subdivisions, which provide training of residents, are departments. The main purpose of the departments is the management of the educational process to ensure the quality of services provided on the basis of competence-oriented approach, as well as training of students. The management of departments is carried out by the head of the department, appointed on a competitive basis in accordance with the labor legislation and the Rules of competitive filling of vacant positions of KMU NPJSC. Currently, the Internal Medicine Department and the Department of Emergency Medicine, Anesthesiology and Reanimatology participate in the implementation of the discipline "Emergency conditions in pediatric allergology" of the educational program Pediatric and Adult Allergy and Immunology.

On the questionnaire "Do the heads of the organization listen to your opinion regarding the issues on the educational process, research and development, clinical work", 84.4% of teachers answered that systematically, 12.5% answered "sometimes".

8.3 Budget for training and resource allocation

The financial and economic policy of Karaganda Medical University NJSC and the management structure of the university is the function of the management body - the Board of Directors. The Board of the University manages the current activities of the university, implements financial and economic policy within the established powers.

The budget of KMU NJSC is formed from several sources: the republican budget (state order for training of higher and postgraduate education, advanced training of medical workers, development of scientific research, transfers); the local budget; provision of paid educational and other services.

Structural subdivisions form the needs for resources, including for the implementation of the educational process, as well as resources for the development of the university and clinics of the university, based on these needs the University Development Plan is formed, which is considered by the Management Board and approved by the Board of Directors for 5 years. The Development Plan is adjusted annually depending on the changes in the needs of the units and the university.

The University's financial performance is also reviewed at the Board of Directors meeting. At the same time, financial performance is assessed using specific financial indicators.

8.4 Administration and management

The management structure of KMU NJSC assumes effective implementation of the educational program, effective management, timely provision of necessary educational resources.

Staff selection is carried out on the basis of the needs analysis of the educational program, according to the results of which a competition for filling vacant positions is announced in accordance with the Rules of competitive filling of vacant positions of KMU NPJSC. The requirements for teaching staff when elected to vacant positions are determined by job descriptions and the Charter of KMU NPJSC.

The university has developed and approved regulations on structural units (school, department) and job descriptions of university teaching staff.

Organizational management of the EP is carried out by DAA, HRMD, deans of schools and heads of departments.

The main structural unit that manages and implements, as well as coordinates the work of other departments of the schools involved in the implementation of the EP is the school.

In order to improve the adaptation of the recruitment and formation policy to the changing needs of the HEI, the HEI management model is regularly improved, and the representation of stakeholders in the management structures is also expanded.

The activities of KMU NJSC advisory bodies - School Council, Senate, which include academic leaders and representatives of a wide range of stakeholders (employers, representatives of practical health care, residents, etc.) allow to improve and effectively implement educational programs, to ensure effective management and administration.

The staff schedule of the University is approved by the Board of Directors of the University, and the annual teaching load of the University and departments is approved at the Senate upon the submission of the Department of Academic Work.

The total number of teaching staff is formed based on the average ratio of students to teachers: master's degree - 1:6, doctoral degree - 1:4, residency - 1:3.

Calculation of teaching load of teaching staff is made according to the Model Rules of activity of higher education organizations and the state standard of education and in residency is 650 hours per year.

The University has established and continuously improves the quality management system of education, an effective system of monitoring the activities of the university, developed in accordance with the recommendations of international standards.

Each stage and level in the quality assurance system is regulated by relevant legal and regulatory documents.

To assess the effectiveness of the university's activities, there is a system of key performance indicators (KPI) of the top management, deans of schools, heads of departments, academic and other units of the university.

One of the most important activities of KMU NJSC is to understand and meet the needs and expectations of its consumers on a regular basis by departments, Schools, Strategic Development and Quality Management Department. Methods of obtaining information from consumers - conducting interviews, questionnaires, studying complaints and recommendations. Internal assessment of the quality of education is realized in the processes of internal audit (QMS), self-assessment (accreditation), fulfillment of key performance indicators (KPI), which leads to continuous improvement and self-improvement.

8.5 Requirements and regulations

Interaction of KMU NJSC with the Ministry of Health of the RK, Ministry of Science and Higher Education RK on the organization of the educational process in the residency is carried out through the implementation of the Order of the Minister of Healthcare of the Republic of Kazakhstan from July 4, 2022 № KR DSM-63 "On approval of state mandatory standards for the levels of education in the field of health" and is consistent with the priorities of the following national legislative and program documents: Code of the Republic of Kazakhstan "On the Health of the People and the Healthcare System", Decree of the President of the Republic of Kazakhstan dated February 15, 2018 No. 636 "On approval of the National Development Plan of the Republic of Kazakhstan until 2025 and invalidation of some decrees of the President of the Republic of Kazakhstan", the Message of the President of the Republic of Kazakhstan - Leader of the Nation N.A. Nazarbayev to the people of Kazakhstan dated December 14, 2012 "Strategy "Kazakhstan-2050": a new political course of the established state", the Resolution of the Government of the Republic of Kazakhstan dated November 24, 2022 No. 945 "On approval of the Concept of Health Care Development of the Republic of Kazakhstan". President of Kazakhstan Kassym-Jomart Tokayev's State of the Nation Address to the people of Kazakhstan dated March 16, 2022 "New Kazakhstan: the path of renewal and modernization", Resolution of the Government of the Republic of Kazakhstan dated October 12, 2021 № 726 "On approval of the national project "Quality education "Educated nation", Resolution of the Government of the Republic of Kazakhstan dated October 12, 2021 № 725 "On approval of the national project "Quality and affordable health care for every citizen "Healthy nation", Resolution of the Government of the Republic of Kazakhstan dated October 12, 2021 No. 725

The teaching staff of Karaganda Medical University NJSC together with RCHD of MH RK actively participates in the development and implementation of clinical protocols for the diagnosis and treatment of various diseases.

The EEC's conclusions on the criteria. Meet out of 11 standards (including 8 basics, 3 improvement standards): fully - , partially - , does not meet - 0

Standard 8: implemented

Standard 9: CONTINUOUS IMPROVEMENT

Evidence of Compliance:

Monitoring of EP is carried out by the head of EP within the framework of intra-university control during the audit and School Quality Assurance Committee. Monitoring and control of the achievement of the final results of training is carried out by departments and SRPD at the final attestation. Control of the quality of knowledge of students in the form of current attestation, taking into account the work of the student during the semester, interim attestation carried out in the form of passing written assignments, portfolio assessment, as well as final attestation allows to conduct a regular review, assess the degree of achievement of the final results and to make changes.

At the beginning of each academic year, the syllabus for the EP is updated and changes are made for improvements in the sections "form of conducting classes", "discipline policy"; in the brief content of disciplines.

Intermediate certification of residents is carried out in the form of portfolio defense at the end of the year. The final examination on the module or discipline is held in the form of a comprehensive examination: the first stage is assessment on Session, Platonus, the second stage consists of passing the clinical and practical skills.

Test questions, written assignments are updated annually by 30% taking into account new concepts of diagnosis and treatment. The monitoring results of current academic performance, which is held monthly are discussed at the meeting of the department, the SRPD Council. The results of interim certification at the end of the academic year are also discussed at the department meeting, then the analysis is presented at the SRPD Council. The results are reported to the Senate.

The results of the independent examination of the National Centre for Independent Examinations are discussed annually at the meeting of the department, the Council of the SRPD determine the need to improve the EP.

The monitoring process is aimed at improving the educational program and the quality of resident training. The results of the monitoring are heard at the meetings of the department, the SRPD Council. The process of reviewing the EP is aimed at identifying deficiencies and providing recommendations for improvement, after which the program is improved and reviewed again.

Changes and updates in the EP are carried out taking into account the wishes of stakeholders (employers and residents) who are regularly questioned by the EP managers.

Resources are monitored annually for continuous improvement. The library fund is constantly updated with basic and additional literature in three languages (Kazakh, Russian, English). Residents have a good opportunity to work in various information resources of the library and publishing center, Centre for Simulation and Educational Technology (electronic textbooks, discs with films and illustrations, electronic manuals, simulators and mannequins with software), as well as educational resources of the Internet. The availability of the Internet and interactive classroom at the clinical bases allows residents to work online, participate in various webinars, master classes, etc.

The EEC conclusions on the criteria. Meet out of 2 standards (including 1 basic, 1 improvement standard): fully - , partially - , does not meet - 0.

Standard 9: implemented

CONCLUSION:

During the external evaluation of the educational program, it was found that out of **147 standards** (including basic standards - 91 and improvement standards - 56) full compliance is demonstrated by 144 accreditation standards, including 89 basic standards and 55 improvement standards. 2 basic standards and 1 improvement standard were partially met. Non-compliance of standards was not found..

5. Recommendations for improvement of the educational program Pediatric and Adult Allergy and Immunology:

1. 3.1.4.; 3.1.6. Develop and implement a program to determine the validity and reliability of resident assessment methods
2. 6.7.3 Standard of Improvement - Provide for academic mobility of faculty.

6. Recommendation to the ECAQA Accreditation Council

The members of the EEC established the compliance of the educational program of the residency in the specialty Pediatric and Adult Allergy and Immunology with the Accreditation Standards and came to the unanimous opinion to recommend the ECAQA Accreditation Council to accredit this program for a period of 5 (five) years.

6. Рекомендация Аккредитационному совету ЕЦА

Члены ВЭК пришли к единогласному мнению рекомендовать Аккредитационному совету аккредитовать образовательную программу 7R01103 «Аллергология и иммунология взрослая, детская» НАО «Медицинский университет Караганды», соответствующую Стандартам аккредитации образовательных программ резидентуры медицинских организации образования на период 5 лет.

Председатель Внешней экспертной комиссии
КУДАБАЕВА ХАТИМЯ ИЛЬЯСОВНА

Зарубежный эксперт
РЫЖКИН СЕРГЕЙ АЛЕКСАНДРОВИЧ

Зарубежный эксперт
АФРИКЯН ШУШАНИК ГЕВОРКОВНА

Национальный академический эксперт
УРАЗОВА САЛТАНАТ НУРГОЖАЕВНА

Национальный академический эксперт
ШАБДАРБАЕВА ДАРИЯ МУРАТОВНА

Национальный академический эксперт
РАМАЗАНОВА РАЙГУЛЬ МУХАНБЕТОВНА

Национальный академический эксперт
ЖУМАЛИНА АКМАРАЛ КАНАШЕВНА

Национальный академический эксперт
ТУЛЕУТАЕВА РАЙХАН ЕСЕНЖАНОВНА

Национальный академический эксперт
БАЙГОЖИНА ЗАУРЕ АЛПАНОВНА

Национальный академический эксперт
РАМАЗАНОВА ШОЛПАН ХАМЗАЕВНА

Национальный академический эксперт
ЕРАЛИЕВА БИБИХАН АБДАЛИЕВНА

Национальный академический эксперт
ИСПОСУНОВА ГУЛЬНАРА АХМЕТКАЗЫЕВНА

Национальный академический эксперт
ДОШАКАНОВА АСЕЛЬ БАЙДАУЛЕТОВНА

Национальный академический эксперт
ДОСАНОВА АСЕМ КАЛЕЛОВНА

Эксперт- представитель практического здравоохранения
ДАНИЯРОВА БАЯН ЛАШИНОВНА

Эксперт – представитель докторантов
ОРАЗБАЙ АҚНҰР ДӘУРЕНҚЫЗЫ

Эксперт – представитель резидентов
ҚҰРАҚ АЙДАНА ЖАНИДАРОВНА

Quality profile and criteria for external evaluation of the educational program (summary).

Standard	Evaluation criteria	Number of standards	BS*/IS	Evaluation		
				Fully compliant	Partially compliant	Not compliant
1.	MISSION AND OUTCOMES	17	10/7	10/7		
2.	EDUCATIONAL PROGRAM	30	22/8	22/8		
3.	RESIDENT EVALUATION	11	7/4	5/4	2/0	
4.	RESIDENTS	30	18/12	18/12		
5.	ACADEMIC STAFF/FACULTY	7	5/2	5/2		
6.	EDUCATIONAL RESOURCES	21	10/11	10/10	0/1	
7.	EDUCATIONAL PROGRAM EVALUATION	15	10/5	10/5		
8.	MANAGEMENT AND ADMINISTRATION	15	8/7	8/7		
9.	CONTINUOUS IMPROVEMENT	1	1/0	1/0		
		147	91/56	89/55	2/1	

List of documents studied by the EEC members within the framework of external evaluation of the residency educational program

No.	Names of documents	Number
1	Policy of students' admission	1
2	Rules of the rating system	1
3	Regulations on the clinical base	1
4	Regulations on residency	1
5	Karaganda Medical University NJSC Development Program	1
6	Karaganda Medical University NJSC Statutes	1
7	Code of Academic Integrity	1
8	Syllabus of 1st year residents	10
9	Syllabus of 2nd year residents	13
10	Certificates of professional development of the state sample	1
11	Faculty job descriptions	1
12	Clinical preceptor job descriptions	1
13	Agreements with clinical sites	1
14	Department Meeting Minutes	1
15	Resident Portfolio	1
16	Control and measurement tools	1
17	Certificates of participation in scientific conferences	1
18	Resident publications	1
19	Regulations on the organization of inclusive education	1
20	Regulations on the organization of academic mobility	1
21	Regulations on the management of the educational program	1
22	Academic policy	1
23	Resident duty schedule	7
24	Certificate of inclusion in the state register of rights to copyrighted objects.	8
25	Residency educational program in the specialty Pediatric and Adult Allergy and Immunology.	1