



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

THE REPORT

**about the results of the work of the external expert commission for
evaluating compliance with the requirements of the standards of primary
accreditation of postgraduate medical education programs (in the field of
residency)**

NCJSC «Medical University of Karaganda»

during the period 16-18 April 2019

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

*Addressed to
Accreditation
Council of IAAR*

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Karaganda 2019

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LIST OF DEFINITIONS AND ABBREVIATIONS

AC	Academic council
AComm	Academic committee
AMEE	Associations of Medical Education in Europe
AP	Academic policy
BD	Basic disciplines
CBL	Case based learning
CC	Choice component
CED	Catalog of elective disciplines
CPS	Center of practical skills
DAW	Department of Academic Work
DLT	Distance learning technology
DSDIC	Department of Strategic Development and International Cooperation
EMCD	Educational and methodical complex of discipline
EP	Educational program
EPC	Educational Program Committee
FAC	Faculty Academic Council
FAS	Faculty of Advanced Studies
FHC	Family Health Center
FSC	Final state certification
GMP	General medical practice
GRA	Grade rating admission
IC	Individual Curriculum
IKAQE	Independent Kazakhstan Agency for Quality Assurance in Education
IWR	Independent work of residents
IWRT	Independent work of residents with teachers
KSAC	Knowledge and Skills Assessment Center
KSMU	Karaganda State Medical University
LI	A letter of instruction
MC	Medical center
MC	Model curriculum
MD	Major disciplines
MEP	Modular educational programs
MHC	Ministry of Health care
MTP	Modular training programs
NCJSC «MUK»	Non-commercial joint-stock company "Medical University of Karaganda"
PBL	Project based learning
PHC	Primary health care
RCH	Regional Clinic Hospital
RK	The Republic of Kazakhstan
SC KSMU	of Scientific Council of KSMU
SCC	State Certification Commission
SCEP	State compulsory education standard
SVMC	State volume of medical care
Tb	Terabyte
TBL	Team based learning
TS	Teaching stuff
WC	Working curriculum
WP	Work programs

II INTRODUCTION

In accordance with IAAR's order № 33-19-OD from 05.04.2019 there was a visit of external expert commission (EEC) in NCJSC «Medical University of Karaganda» during the period 16-18 April 2019. An assessment of the university's compliance with the standards of institutional and specialized accreditation of the IAAR was conducted..

EEC's stuff:

1. **The chairman of the commission** – Bayldinova Klara Zhenisovna, c.m.s., associate professor, Asfendiyarov Kazakh National Medical University (Almaty);
2. **International expert** – Ion Bologan, d.m.s., N. Testeminanu State University of Medicine and Pharmacy of the Republic of Moldova (Kishinev, Moldova);
3. **International expert** – Zhuravel Irina Aleksandrovna, d.c.s., professor, National University of Pharmacy (Kharkov, Ukraine);
4. **Expert** – Turdalieva Botagoz Saitovna, d.m.s., professor, AO «Kazakh medical university of continuing education» (Almaty);
5. **Expert** – Dzhardemalieva Nurzhamal Zhenisovna, c.m.s., associate professor, Asfendiyarov Kazakh National Medical University (Almaty);
6. **Expert** – Baskakova Irina Valentinovna, c.m.s., associate professor, Asfendiyarov Kazakh National Medical University (Almaty);
7. **Expert** – Ospanova Dinara Almakhanovna, d.m.s, associate professor, AO «Kazakh medical university of continuing education» (Almaty);
8. **Expert** – Kurmangaliev Kairat Bolatovich, c.m.s., associate professor, NCJSC « Marat Ospanov West Kazakhstan Medical University» (Aktobe);
9. **Expert** – Kulzhanova Sholpan Abdylgazyevna, d.m.s., professor, NCJSC «Medical University of Astana» (Nur-Sultan);
10. **Expert** – Jumalina Akmaral Kanashevna, d.m.s., associate professor, NCJSC « Marat Ospanov West Kazakhstan Medical University» (Aktobe);
11. **Expert** – Pak Laura Alekseevna, PhD, NCJSC « Medical University of Semey», (Semey);
12. **Expert** – Amrenova Kuralai Shaganovna, c.m.s., associate professor, NCJSC « Medical University of Semey», (Semey);
13. **Expert** – Narmanova Oryngul Zhaksybayevna, д.м.н., professor, NCJSC «Medical University of Astana» (Nur-Sultan);
14. **Employer** – Bekzatova Gulmira Khakimovna, MSOE "Regional Infectious Diseases Hospital" HMKR (Karaganda);
15. **Employer** – Bashirova Tatyana Pavlovna, LT «City Center PHC» (Karaganda);
16. **Student** – Aldanish Zhumazhan Zhumabekuly, NCJSC «Medical University of Astana» (Nur-Sultan);
17. **Student** – Asanov Alikhan Altinbekuly, The Leader of «Alliance of Students of Kazakhstan» of Karaganda region (Karaganda);
18. **Observer from Agency** – Aymurzieva Aigerim Urinbaevna, Head of Medical Projects Agency (Nur-Sultan);

III PRESENTATION OF UNIVERSITY

Karaganda state medical university was established in 1950 on base of Ministry Soviet Order of Kazakh SSR #65 from 20 January 1950 “About organization of Karaganda state medical university” in accordance with the instruction of Council of Ministers from 5 December 1949 # 19630-p. Since that time highly professional team of 11 medical faculty departments got to teaching. The institution developed progressively annually: new departments were opened, campuses and hostels, preventorium, recreation areas were premised. In 1959 ablution faculty was opened (at present The faculty of prevention medicine, biology and pharmacy), in 1962 pediatrics faculty was organized, in 1978 – stomatological faculty. In 1992 The first in central Asia and third in CIS area biomedical faculty was founded. In 1992 faculty of preventive health and clinical disciplines skills development was started, and in 1993 – faculty of updating teaching qualifications. In 2002 specialty on “Oriental medicine” and “Pharmacy” were opened, in 2013 – specialty “Biology” and “Technology of pharmaceutical production”. Specialty “General medical practice” is in residency since 2011. Pursuant to an order #82 FM KR from 25.01.2019, Karaganda state medical university was renamed to NJSC “Karaganda medical university”.

The center of practical skills (simulation center) has been functioning since 2007 with a total area of 1,023 m², equipped with modern medical hardware, audio-visual equipment, computers, high-tech mannequins and simulators, allowing students to master clinical skills and the development of professional competencies.

The university has a consultative diagnostic center and a dental clinic. Since September 2018, the “University Clinic of KSMU” has been created. All clinics are equipped with modern medical and diagnostic equipment to provide medical care to the population of the region at the level of national and international standards. The passage of high-quality and professional practice of students is carried out at 439 bases in the Republic of Kazakhstan and abroad. Students and staff are provided with a high-speed Wi-Fi network covering the area of all educational buildings and student residences of the university. KSMU is the first Kazakhstan university in which 64 virtual servers, 14 physical servers and a data processing center with a total volume of 193 TB function.

Each student and employee has a personal corporate Outlook email and a personal account to enter the university information system (University IS), employees have personal access to the corporate portal based on SharePoint for the implementation of electronic document management.

To improve the quality and speed of work, Moodle-based distance learning technologies, the Cisco, WebEx platform for interactive online conferences, meetings and broadcasts and the OpenLabyrinth program have been introduced. The access of students and employees of the university to world information resources, authoritative scientific publications and publications in medicine and related sciences is expanding.

As part of the implementation of the “State program of health development of the Republic of Kazakhstan“ Densaulyk ”for 2016-2020,” the Ministry of Health of the Republic of Kazakhstan in the structure of the research center of the NJSC “Karaganda Medical University” in 2012 opened a collective laboratory for genetic and molecular research in North-West region of the Republic of Kazakhstan.

In accordance with the state license No. KZ78LAA00009866 dated August 14, 2017, the NAO “Karaganda Medical University” provides training in Kazakh, Russian and English in 54 departments and courses at undergraduate and postgraduate levels of education in 7 specialties of undergraduate education, in 6 specialties of magistracy , in 4 specialties of doctoral studies, in 30 specialties of residency.

The staff of the university is represented by highly qualified teachers. Twenty university professors are correspondents of the National Academy of Sciences, the Academy of Medical Sciences, the Academy of Military Sciences, the National Academy of Natural Sciences of

the Republic of Kazakhstan, The Russian Academy of Natural Sciences, the International Academy of Informatization, and the Eurasian International Academy of Sciences.

The quality of education and research is provided by a high level of infrastructure: 7 educational buildings with classrooms equipped with interactive equipment; a scientific library with reading rooms and an electronic library hall, the fund of which currently stands at 858,805 copies, including 372,893 copies in the state language; research center and laboratory of collective use, sanitary-hygienic laboratory, as well as 13 educational laboratories (histological, pathophysiological, physiological, chemical, biochemical, microbiological, biological (PCR), biophysical, toxicological, pharmaceutical, dental laboratory for removable prosthetics, dental laboratory for fixed prosthetics, laboratory of food hygiene); 6 hostels, 57 clinical bases, Medical Center and Dental Clinic, student sports and recreation camps and recreation areas.

Within the framework of integration into the European educational space in the context of the Bologna process, on September 17, 2010 the KSMU signed the Great Charter of Universities in Bologna (Italy).

NJSC "Karaganda Medical University" is a member of the Association of Medical Education in Europe (AMEE) of the Association for the Study of Medical Education in Europe (ASME), the Association of Medical Education of Asia (AMEA), Organization for the Protection of PhD in Biomedicine and Health in the European System (ORPhEUS), Organization for Academic Mobility of the Pacific and South-Eastern Region (UMAP), European Association of Universities (EUA).

The University implements actively international cooperation in the field of medical education, science and practice with medical universities and research centers of the countries of near and far abroad. Partners of the NJSC "Karaganda Medical University" are such universities as: University of Albany (USA), University of Poitiers (France), University of Gothenburg (Sweden), University of Madrid (Spain), University of Lund (Sweden), University of Maastricht (Holland), University of Leicester (UK), University of Porto (Portugal), University of Saint George (London, UK), Karolinska Institute (Sweden), University of Mazarik (Czech Republic), Aristotle University (Greece), National University of Malaysia (Malaysia), etc.

In 2015, the university joined the European Association of Universities and became the first grant applicant of the Erasmus+ Program to improve the capacity in higher education among medical schools in Kazakhstan.

International projects Erasmus+:

1. "Learning to Avoid Medical Mistakes" (TAME)
2. "Asian and European Languages" (WELCOME)
3. "Strengthening network education, research and innovation in Environmental Health in Asia" (TUTORIAL)
4. Transition to University Autonomy in Kazakhstan (TRUNAK)
5. "Development of the innovative potential of higher education in the field of nursing through the reform of the health care system" (ProInCa)
6. Credit Mobility program with the University of Poitiers, France
7. Credit Mobility Program with the University of Porto, Portugal
8. Credit Mobility Program with Lund University, Sweden
9. Credit Mobility program with the University of Plovdiv, Bulgaria

As part of the development of a strategic partnership in 2016, a memorandum of cooperation was signed with the University of Lund, Sweden. More than 1,000 students and staff of the university participated in international academic mobility programs.

Every year more than 300 students take part in international scientific conferences and research. Thus, at the initiative of the university, since 2012, the Central Asian International Conference on Medical Education has been held, the main purpose of which is to exchange

experiences on improving medical education in the countries of Central Asia.

The university participates in the implementation of republican programs and research projects in the field of healthcare, international multicenter research SMART, METALL, UTIAP. Over the past three years, the number of publications in journals indexed in authoritative databases of scientific information Thomson Reuters and Scopus has increased 6 times. In addition, over 30 grant financing projects of the Ministry of Education and Science of the Republic of Kazakhstan were implemented. From 2004 to the present, more than 50 scientific and technical programs and projects in the field of health care and medical education have been carried out.

Established on the basis of the University Medical Center and Dental Clinic, equipped with modern medical and diagnostic equipment to provide medical care to the population of the region at the level of national and international standards. The passage of high-quality and professional practice of students is carried out at 492 bases in the Republic of Kazakhstan and abroad.

The university makes no small contribution to the implementation of educational work and youth policy at the university, aimed primarily at developing a patriotic spirit, an active life position, and a healthy lifestyle. On the basis of the university there is a student republic "Samruk" of KSMU, 19 circles and clubs on amateur performances, 24 sports sections, the Association of Medical Youth of Kazakhstan "KazMSA". The ensemble of oriental dances "Karakoz" was awarded the title of the national ensemble.

Since 2017, the NJSC "Karaganda Medical University" has become a participant in the Eurasian project on introducing entrepreneurial education in universities of the Republic of Kazakhstan (ERG). As part of this project, faculty members were trained in the development of entrepreneurship at the university.

Accreditation Committee for Simulation Training of the European Medical Education Association (AMEE) in 2017. acknowledged the university simulation program and was awarded the ASPIRE "Excellence simulation-based healthcare education" award.

The performance of the university is confirmed by the reports of the Commission for the evaluation of the university in the 2016-2017 academic year, the successful completion of specialized accreditation:

- In 2017, the certification of the university according to the standards of MS ISO 9001: 2015 and MS ISO 50001: 2011 "Energy Management" (Certification Association "Russian Register", Russia);

- accreditation in the field of health care for compliance with accreditation standards for medical organizations providing inpatient care (2016);

- accreditation and supervisory audit of the Scientific-Research Sanitary and Hygienic Laboratory of the Research Center of KSMU for compliance with the requirements of GOST ISO / IEC 17025 "General requirements for testing and calibration laboratories;

- certification for compliance with the standard of good clinical practice (GCP) by the Pharmacy Committee of the Ministry of Health of the Republic of Kazakhstan;

- specialized accreditation of 36 specialties in the national agency IQAA.

In 2014, KSMU successfully passed institutional accreditation and specialized accreditation of 15 educational programs, in 2016 10 educational programs were successfully accredited, and in 2017 11 educational programs were accredited.

In 2017, the university was marked by a high national rating and took 2nd place in the General Institutional Rating of Medical Universities of RK (IQAA), 1st place in the ranking of educational programs in the specialty General Medicine (IQAA), 2nd place in program areas "Magistracy" specialty "Medicine" (IQAA).

In the same year, the 1st prize was received at the "Meikathon" competition among student innovative projects of the Republic of Kazakhstan..

Recognition, demand and competitiveness of graduates in the labor market is confirmed by a high employment rate of 97%. More than 35 thousand highly qualified doctors

successfully work in all regions of Kazakhstan, as well as in countries of near and far abroad.

In different years, graduates of the university headed the country's medical service: the Minister of Health of the Republic of Kazakhstan (1971-1982), academician of the Russian Academy of Medical Sciences and the National Academy of Sciences of the Republic of Kazakhstan, laureate of the State Prize of the Republic of Kazakhstan, professor Toregeldy Sharmanovich Sharmanov; Minister of Health of the Republic of Kazakhstan (2006–2008), laureate of the State Prize of the Republic of Kazakhstan, Dr. med. Anatoly G. Dernovoy, Minister of Health of the Republic of Kazakhstan (2010-2014), Ph.D. Salidat Zekenovna Kairbekova.

Management bodies of RSE on REU “KSMU” are: Supervisory Board; Academic Council; Governing Council (Rector); Internal Audit Service.

IV DESCRIPTION OF EEC’s VISIT

The visit of the external expert commission (EEC) to the NAO MUK was organized from April 16 to 18, 2019. in accordance with the program agreed with the Chairman of the EEC, MD, Associate Professor Bayldinova K.Zh. and approved by the Rector of the University, d.m.s., Professor Dosmagambetova RS.

In accordance with the requirements of the standards, the visit program covered meetings with the rector, vice-rectors, heads of departments, deans, heads of university departments, teachers, students, graduates, employers and employees from various departments, interviewing and questioning teachers and students. A total of 165 people took part in the meetings (table 1).

Table 1 - Information of the number and categories of participants in meetings

<i>Category of participants</i>	<i>Quantity</i>
Rector	1
Provosts	5
Deans	7
Heads of Chairs	9
Faculty members	78
Residents	15
Graduates	37
Employers	13
Total	165

The Commission studied the regulatory and educational documents on educational disciplines, including model curricula, work programs, educational and methodical complexes, and other materials provided by the university.

All materials requested by the commission were provided on time and in full. In order to obtain objective information on the evaluation of university activities, members of the EEC used the following methods: visual inspection, observation, interviewing employees of various departments, teachers, students, employers, survey of faculty members and students. On the part of the team of NAO MUK, the presence of all persons specified in the visiting program was ensured. The 3-day visit program of the EEC is fully implemented.

04/16/2019, a preliminary meeting of members of the EEC of the IAAR was held. During the organizational meeting, the visit program was clarified, the responsibility of the EEC members was distributed. Four main subgroups of the EEC members were identified, this division is due to the large workload of the EEC and the need to visit all the main structural divisions of the university, its own clinics and departments that implement accredited educational programs. A brief review of the reports on the institutional and specialized self-

assessment of NPJSC MUK was conducted. The key issues were discussed, additional information was determined that needs to be requested from the university for validation and full awareness of the EEC members when conducting institutional and primary specialized accreditation of the educational program 6R110200 “General Medical Practice”.

In accordance with the visit program, on April 16, a meeting of the EEC members was held with the university administration, vice-rectors, deans of the School of Public Health and Pharmacy, the School of General Medicine, the School of Dentistry, the School of Nursing Education, the School of Professional Development and Residency, an international faculty, a research school; heads of departments of accredited educational programs and heads of structural divisions (Departments).

In the course of the WEC, a visual inspection of the university’s infrastructure was conducted: classrooms, a computer center, an assembly hall, a library, a gymnasium, a catering station, a research center, the Department of Academic Work, the Department of Digitalization and Process Automation.

During a visit to a university library, members of the EEC familiarized themselves with the work and library resources, including electronic ones, with the rules for entering international databases. The work of the office of the registrar, the Department of Academic Work, the Department of Digitalization and Process Automation, the Research Center, the Center of Practical Skills (CSC) was demonstrated. Improving the material and technical support of the CSC is one of the priority activities of the university. The high level of equipment with modern equipment allows students to work out practical skills professionally. Thus, the EEC received evidence of compliance with the standards of accreditation of the IAAR relating to the mission, the end results of training, educational program, management and administration, educational resources.

During a visit to the main units of the NPJSC "MUK", the staff gave comprehensive answers to the questions of experts of the EEC.

On April 17, the EEC visited the departments, clinical bases with the study of the documentation of the departments in the areas of accredited educational programs, attendance of classes on a schedule, a meeting was held with students, graduates of educational programs, employers, followed by a survey.

When visiting clinical sites, the experts got acquainted with the material and technical base of medical organizations, visited the administrative building, specialized departments in which residents undergo practical training. Head physicians, chief and senior nurses, heads of departments met with the EEC members. Medical organizations not only provide jobs at the time of training, but also actively participate in the adjustment of the content of educational programs, as well as in the assessment of students' knowledge and skills. The feedback from the heads of medical organizations on students and graduates of the university is only positive.

In the specialty of residency 6R110200 “General medical practice” an external expert Ph.D. Amrenova Kuralai Shaganovna and the Supervisor from the Agency, the head of the Agency’s medical projects Aymurzieva Aigerim Urinbaevna visited the Polyclinic number 3 of Karaganda (Prospect Shakhterov 78) and the department of general medical practice-1 located at its base, responsible for introducing the accredited EP.

External experts presented the following composition of the faculty of the department of general practice №1:

1. Omarkulov Bauyrzhan Kadenovich, head of the department, c.m.s., associate professor, GP of the highest category
2. Alikhanova Karlygash Angelbaevna, d.m.s., professor of medicine, general practitioner of a highest degree, GP
3. Abugaliyeva Tleuzhan Orazaliyevna, c.m.s., associate professor, higher category therapist, GP
4. Zhakipbekova Venera Amantaevna, c.m.s., Associate Professor, GP of the highest category

5. Takirova Aigul Tuleuhanovna, pediatrician of the highest category, GP
6. Gazalieva Sholpan Maulenovna, d.m.s., Professor, the highest category in Public Health, GP
7. Serikova Maya Sagyndykovna, master of medicine, GP
8. Bobyrev Semen Sergeevich, master of medicine, GP
9. Oтынshiyev Bakhtiar Nurzhanovich, GP
10. Nurgazina Laura Seytovna, GP of the first category
11. Mershenova Gulzhan Zhumagalievna, c.m.s., associate professor
12. Dildabekova Ainur Smadiyarovna, PhD,
13. Nina Vasilievna Barulina, c.m.s., associate professor, GP
14. Baymukhanova Saima Rakhimovna, c.m.s., GP
15. Bokebaeva Rimkesh Temirovna, c.m.s., GP
16. Goykhman Gennady Iosifovich, c.m.s., GP
17. Lazareva Galina Viktorovna, GP
18. Lenkovets Nina Anatolevna, GP
19. Myrzashova Nazym Boranbayevna, GP
20. Kosybaeva Meruert Erzhanovna, GP
21. Nurkenova Gulbanu Akhmetbekovna, c.m.s., GP
22. Seitekova Aizhan Nurlanovna, GP
23. Chancharov Bakhtay Kalievich, c.m.s., GP

A visual inspection of the department's infrastructure was carried out to organize the educational process: the total area allotted for the educational process is 181.4 m², which includes 3 training rooms (assistant) and one professor's office. In addition, for training purposes, two offices of clinical mentors and two conference rooms for 60 and 100 seats are used. Training rooms meet sanitary and hygienic standards, fire safety and modern requirements. The department has at its disposal personal computers and a PPS laptop with a corporate Internet connection and Outlook mail, telephony ID, multimedia projectors, MFPs. All training rooms are equipped with material and technical means (tables, chairs, cabinets, boards, flip charts). All necessary working conditions have been created on the clinical basis for quality education, taking into account the residents' own needs, including health. The faculty of the department carries out the educational process at the level of bachelor, conducts master classes for practicing doctors in high school, medical institutions of Karaganda and the region, including outbound.

Polyclinic №3 of Karaganda serves the attached population in a planned and emergency order, it includes a post of digital assistance to the population (Callcenter), four FHCs of 8-10 plots in each, in a single unit, an examination and pre-hospital room, pediatric department, obstetric gynecological department, surgical department with the center of ambulatory surgery, consultative and diagnostic department, laboratory, pharmacy, dispensary office, first-aid station for the maintenance of 4-category ambulance calls (total iruyut three brigades). The polyclinic has an information system providing electronic document flow: AIS "Polyclinic", KIIS, PUZU. The workplaces of the personnel are automated, the system of servicing the population by the QR code, digitalization has been introduced.

During the visit, the experts visited the outpatient clinics and got acquainted with the CSH, pediatric, obstetric and gynecological, consultative and diagnostic departments. Interviews were held with Isataeva Sholpan Kudaibergenovna Iscayeva Shalpan Kudaibergenovna, Polyclinic No. 3 of Karaganda, Deputy Director for Quality Control and Expertise of Medical Services; on organizational and methodological work and civil defense emergency situations Muzafarov Viktor Vladimirovich. According to the results of the conversation, a close relationship was determined between the staff of the Department of General Medical Practice-1 of the NPJSC "MUK" and Polyclinic №3 in Karaganda.

Thus, on the basis of Polyclinic No. 3 of Karaganda, there is the possibility of direct

training of residents in mastering competencies in all main areas of general practice - outpatient therapy, pediatrics, obstetrics and gynecology, outpatient surgery, emergency emergency care at the prehospital stage, there is also free students' access to all electronic resources of the AIS "Polyclinic", as well as KIIS and the HEI.

The experts got acquainted with the educational and methodical documentation of the department in the specialty "General medical practice", the portfolio of residents. Documents are presented in full, meet the requirements for the design and content of the UMCD, fully reflect the educational program in general practice, contain a competence-based approach.

It is noteworthy that the faculty of the department constantly produce their own teaching aids for students and primary health care of primary care, as well as patents, pre-patents and copyright certificates aimed, on the one hand, to use in the outpatient service, on the other hand, to improve the educational process.

Teaching aid, monographs, textbooks of teaching staff of the department, published by typographical method:

1. Здоровье сельского населения Карагандинской области /монография. Алиханова К.А., Омаркулов Б.К. и соавт.-Гласир. Караганда.-2015. - 212 с.
2. Жалпы дәрігерлік практика: ұлттық нұсқаулық; 2 томдық/ редакциясын басқарған И.Н.Денисов, О.М. Лесняк; қазақ тіліне аударған және жауапты редакторы Қ.Ә.Әлиханова. – М.: Геотар-Медиа, 2015. - I том. – 992 б.
3. Жалпы дәрігерлік практика: ұлттық нұсқаулық; 2 томдық/ редакциясын басқарған И.Н.Денисов, О.М. Лесняк; қазақ тіліне аударған және жауапты редакторы Қ.Ә.Әлиханова. – М.: Геотар-Медиа, 2015. - II том. – 896 б.
4. Основы медико – социальная экспертиза и реабилитации инвалидов. (Алиханова К.А.) Учебно – методическое пособие.- Караганда, 2017. – 132 с.
5. Мүгедектерді медициналық – әлеуметтік сараптау мен оңалту негіздері. (Алиханова К.А.) Оқу – әдістемелік құралы. – Қарағанды, 2017. - 128 с.
6. Экспертиза временной нетрудоспособности. (Алиханова К.А.) Учебно – методическое пособие. – Караганда, 2017. - 126 с.
7. Уақытша еңбекке жарамсыздықты сараптау.(Алиханова К.А.) Оқу – әдістемелік құралы. - Қарағанды, 2017. - 122 с.

Patents, pre-patents, copyright certificates obtained by the faculty of the department:

1. Questionnaire on the application of the ICF in determining the degree of disability in case of impaired ability to move (scientific work) (Alikhanova K.A., Sh.M. Gazaliyev, T.O. Abugaliyeva, V.A. Zhakipbekova, N.Y., Ilyushina, M.N. Yugai). Certificate of state registration of rights to the object of copyright No. 1785 from 26.09.2014
2. Questionnaire questionnaire of general practice nurses working in rural areas (scientific work). (KA Alikhanova, EB Iskakov, MS Serikov. S.K. Shuahbaev). Certificate of state registration of rights to the object of copyright № 1707 from 02.09.2014
3. Questionnaire questionnaire of general practitioners working in rural areas (scientific work). (Alikhanova K.A., T.O. Abugaliyeva, V.A. Zhakipbekova, K.S. Ospanov). Certificate of state registration of rights to the object of copyright №1619 from 18.08.2014
4. Questionnaire questionnaire for residents of the village (scientific work). (KA Alikhanova, B.K. Omarkulov, A.T. Takirova, S.A. Kulmaganbetov). Certificate of State Registration of Rights to the Object of Copyright No. 1717 dated 03.09.2014
5. A method of treating diseases of the thyroid gland (Alikhanova KA, ZI I. Namazbayeva, TS Namazbayev) Patent No. 28427 from 22.04.2014
6. Criteria for assessing the professional competence of a general practitioner (KA Alikhanova, T.O. Abugaliyeva, L.Kh.Asenova, M.S.Serikova, B.K.Omarkulov, A.T.Takirova). Certificate of state registration of rights to the object of copyright No. 469. MES RK.

7. The effectiveness of the using the command method of training for interns, students in the direction of "General medical practice" in the study of diseases of the urogenital system (K.A. Alikhanova, S.S.Bobirev, T.O. Abugalieva, V.A.Zhakupbekova, B. K.Omarkulov). Certificate of state registration of rights to the object of copyright №491. MES RK.
8. Problem-oriented training in the formation of professional competencies with interns in the direction of "General medical practice" in the study of respiratory diseases (K.A. Alikhanova, MSSerikova, T.O. Abugalieva, A.T.Takirov , V.A. Zhakupbekov). Certificate of state registration of rights to the object of copyright No. 492. MES RK.
9. . Expert card on the evaluation of preventive work on the correction of risk factors for CVD at the primary health care level (Alikhanova KA, Iskakov EB, Kontseva AV, Turmukhambetova AA). Certificate of state registration of rights to the object of copyright No. 951 of 05.05.2017. MES RK.
10. "Chronocard accounting of the time spent by the general practitioner at the reception and at home", "Map of the observed specialist and serviced site" (KA Alikhanova, B.K. Omarkulov, D. B. Kulov, A. Mergentai, A. M. Rysbekova, GM Muldaeva, G.Zh. Mershenova) Certificate of State Registration of Rights to the Object of Copyright No. 834 dated 26.04.2017

The results of the subsequent meeting with residents, graduates and employers confirmed the close cooperation of clinical bases with the departments of the NPJSC "MUK", in particular, in adapting the EP to the needs of practical health care, as well as the availability of health care facilities to obtain the necessary competencies by residents.

April 18 – 3rd day. Development of recommendations, preparation of a report. The final meeting of the EEC with the leadership of the university (Presentation of preliminary results and recommendations).

Comfortable conditions were created for the work of the WEC, access to all necessary information resources was organized. The Commission notes the high level of corporate culture of the NPJSC "MUK", a high degree of team openness in providing information to members of the EEC.

Recommendations for improving the activities of educational programs of accredited specialties of the university, developed by the EEC on the basis of the examination results, were presented at a meeting with the management on April 18, 2019.

V. COMPLIANCE OF PRIMARY ACCREDITATION OF EDUCATIONAL PROGRAMS OF POST-UNIVERSITY MEDICAL EDUCATION (SPECIALTIES OF RESIDENTURE) SPECIALTY 6R110200 - «GENERAL MEDICAL PRACTICE»

1. Standard «Mission and outcomes»

The educational program of the specialty 6R110200 - "General Medical Practice", its mission and goals are developed in accordance with the general strategy of the state and the university, comply with the statute of the university and determine the main directions of the university's activities. The Commission established that the Mission was approved by the Academic Council (protocol No. 10 dated June 29, 2018) and posted on the website www.kgmu.kz. The mission and objectives of the NPJSC MUK are directed to the professional orientation of the graduate residency as a highly professional specialist in demand in the health care system of Kazakhstan. In forming the mission and goals, the available resources and the requirements of the modern labor market were taken into account. According to the declared Mission in the residency in the specialty 6R110200 - "General medical practice" provides for the training of professionals who meet the requirements of the national health care system and international standards through the introduction of innovations in education, science and practice.

Objectives, measures to achieve the goals and target indicators that contribute to the improvement of the resident training system are reflected in the priority directions of the “KSMU Strategic Plan for 2017-2021” in direction 2. (Perfection in education and student life): ensuring high quality educational services, which is implemented by improving educational programs and expanding academic mobility, developing educational technologies and improving the assessment of students' educational achievements, some involvement of students in the professional environment and social activities, improvement of practical training and educational process.

The official source of information about the university is the website www.kgmu.kz, which is open and publicly available for prompt and objective informing the public about the activities of the University. In addition, information about the mission, vision and development strategy of the University is brought to the attention of all interested parties at meetings of the Clinical Council, Supervisory Board, Academic Council, SharePoint corporate portal, in the halls of the university and on the outdoor screen a video with the presentation of the mission, vision and values of university.

The educational program on the specialty "General medical practice", implemented in the NPJSC "MUK" is a set of regulatory documents developed on the basis of SES of RK 2015. and standard programs of specialty, approved by the Ministry of Health of the RK, and corresponds to the stated mission of the university. OP includes the latest advances in medical sciences. Elective disciplines are characterized by the content of information material, including global issues of medicine, such as changes in the demographic situation and the state of health / morbidity structure of the population, socio-economic conditions. The QED includes such priority areas for the development of primary health care in the Republic of Kazakhstan as the Program for the Management of Chronic Non-Communicable Diseases (CIPs) and the Universal Progressive Model of Early-Life Care for Young Children (PIDM).

The educational process is focused on the study and analysis of socio-economic and biomedical factors that ensure the prevention of diseases, diagnosis, treatment of patients and their recovery. The information and didactic block on elective disciplines is focused on new scientific directions in the field of nosological forms of diseases, which contribute to the formation of modern knowledge and skills among residents.

The university draws all interested parties to the formation of the EP development plan - heads of departments and departments of the university, faculty members, students, graduates, employing organizations, health and education authorities, members of the public. Thus, the transparency of the processes is achieved, and information on the content of the EP is communicated to all interested parties.

To assess the final results of training at the university, questionnaires and surveys of employees of medical institutions and other categories of stakeholders on the clinical competence of residency graduates are provided.

According to the standard “Mission and End Results”, it can be noted that the mission and goals of the EP are aimed at the implementation of the national priorities of the development of health care in Kazakhstan and the strategic goals of the university development.

Strengths:

1. The mission of the EP is developed in accordance with the Mission and the Strategic Plan for the development of the university, covers all areas of the university, reflects the interests of employees, students, health professionals, employers, society and the state.
2. The final learning outcomes for completing the EP correspond to the requirements of the national health system in postgraduate education.
3. Representatives of all stakeholders: heads of departments and departments of the university, faculty members, graduates, employing organizations, health and education authorities.

EEC's recommendations:

1. Further improvement of the website of the university for wide information of all stakeholders in the implementation of the educational program of the residency specialty 6R110200 - "General medical practice".

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 15

satisfactory - 1

suggest improvements-0

unsatisfactory -0

2. Standard «Educational program»

The content and scope of academic disciplines of the EP in the residency in the specialty 6R110200 "General medical practice" are defined in accordance with the SES 2015 RK.

The educational process is regulated by the regulatory acts of the MES of the Republic of Kazakhstan and the internal documents of the NPJSC. In accordance with the model curricula developed RUE and working training programs. In drawing up the RUE along with the SES, the opinions of teachers and employers were taken into account. In the training trajectory of residents, the sequence of passing the modules / disciplines is observed, taking into account the pre- and post-requisites, which ensures a stepwise approach in their study. In accordance with the NLA, the structure of the EP is formed from various types of educational, scientific and clinical work, taking into account the complexity of all types of work in terms of the amount of material mastered in loans. There is a full-time course of study with the duration of the OP study 2 years (91 credits). The list of disciplines of the compulsory component and the corresponding minimum volumes of loans are determined by the residency standard. The list of elective disciplines and the corresponding minimum hours / weeks are set independently, taking into account the expectations of employers and the needs of the labor market. Control of educational achievements of GP residents and their assessment by academic disciplines is focused on the development of competencies and the achievement of final learning outcomes.

Based on the MEP, TUP and QED for the entire period of training, each resident independently forms an IEP. If necessary, he has the opportunity to make additions and changes to the IEP. Thus, the implementation of a student-oriented approach to learning is carried out.

The ability to master the core competencies of a GP resident is realized through free access to the clinical bases of the department. Provides for the implementation of clinical work by the resident in the offices under the guidance of the curator, clinical tutor or teacher. In addition, at the EP, it is necessary to master the skills of research and development activities through involvement in the implementation of research programs and projects implemented at the university. Quality education, research, are possible thanks to the availability of competent qualified teachers, represented by doctors and candidates of sciences, PhD, as well as teachers with extensive professional and educational experience.

Students can get advice from teachers, as well as write on the rector's blog on the university website. In addition, there is a mandatory monitoring of the satisfaction of students and employers of the implemented EP.

Thus, the standard "Educational program" was developed in accordance with the mission, goals and expected results of the resident students. The implementation of the EP

allow to provide sufficient material and technical base, human resources and active cooperation with medical health care organizations.

Strengths:

1. . Competence approach to the content of EP in accordance with the requirements of the labor market;
2. Coverage of current issues in the field of study;
3. Integrating the traditional teaching method with innovative teaching technologies.
4. Continuous qualitative updating of the material and technical base.
5. Student-oriented approach to learning;
6. The functioning of the system of counseling students on the educational process;
7. Monitoring of satisfaction of residents, heads of medical organizations and employers of OP.

EEC's recommendations:

1. Further adaptation of the content of EP in accordance with the changing needs of the labor market and taking into account incoming feedback from all stakeholders..

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 19

satisfactory - 6

suggest improvements-0

unsatisfactory -0

3. Standard «Evaluation policy of residency audience»

Criteria for assessing the educational achievements of residents in the NPJSC "MUK" are developed in accordance with the directive, regulatory and internal documents in accordance with the goals and objectives for the implementation of the EP. The policy of evaluating residents in NPJSC "MUK" is regulated by the following regulatory legal acts:

1. Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III (with amendments and additions as of December 28, 2017).

2. Decree of the Government of the Republic of Kazakhstan dated May 17, 2013 No. 499 "On approval of the Model Rules for the activities of educational organizations of relevant types, including the Model Rules for Educational Organizations Implementing Additional Educational Programs for Children". Appendix 6. "Model rules for the activities of educational organizations implementing educational programs of higher and postgraduate education".

3. Decree of the Government of the Republic of Kazakhstan dated April 7, 2017 No. 181 "On Amendments to the Decree of the Government of the Republic of Kazakhstan" dated May 17, 2013 No. 499 "On Approval of the Model Rules for the Activities of Educational Organizations of Relevant Types, including the Standard Rules of Educational Organizations implementing additional educational programs for children. Appendix 6. "Model rules for the activities of educational organizations implementing educational programs of higher and postgraduate education".

4. Order Acting Of the Minister of Health and Social Development of the Republic of Kazakhstan "On Approval of State Compulsory Standards and Model Vocational Training Programs in Medical and Pharmaceutical Specialties" No. 647 dated July 31, 2015. Appendix 47 to the Model Vocational Training Program in Medical Specialties of Residency - in the specialty 6R110800 "General Medical Practice".

5. Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 125 dated March 18, 2008 “Standard rules for conducting ongoing monitoring of progress, intermediate and final certification of students”.

6. Order of the Ministry of Education and Science of the Republic of Kazakhstan dated January 30, 2017 No. 36 “On Amendments to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated March 18, 2008 No. 125“ On Approval of the Model Rules for Carrying Out Current Monitoring of Student Achievement, Intermediate and Final Attestation”.

7. Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 of April 20, 2011, “On Approval of the Rules for Organizing the Educational Process on the Credit Technology of Education”.

8. Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 198 dated April 2, 2014 “On introducing amendments and additions to the order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152“ On approval of the Rules for organizing the educational process on credit technology of education ”.

9. Order of the Ministry of Health of the Republic of Kazakhstan dated November 12, 2009 No. 699. “On approval of qualification characteristics of medical and pharmaceutical specialties”.

10. Order of the Ministry of Health of the Republic of Kazakhstan No. 28 “On Approval of the Regulation on Residency” dated January 30, 2008

11. “Regulation on the residency of the kgma”, approved by the Rector of KSMU from 25.01.2018 (<https://portal.kgmu.kz>)

12. “Academic policy of KSMU”, approved by the Rector of KSMU from 25.05.2017:
- provision 7 "On the rating system of assessing student performance" (<https://portal.kgmu.kz>);

- provision 8 "Conducting intermediate certification" (<https://portal.kgmu.kz>).

- provision 17 "On the final certification of students" (<https://portal.kgmu.kz>).

Educational achievements of residents in all types of control are evaluated according to a point-rating letter system. To determine the degree of development by residents of the EP, current monitoring of progress, midterm control, intermediate and final certification are provided, carried out in accordance with the "Regulations on the residency of KSMU".

Current performance monitoring is carried out in the form of an oral survey, written, combined and test control, homework presentations, discussions, trainings, round tables, case studies, RBL, CBL, etc. At the end of the study of a large section of the discipline, boundary control is carried out. The final result of the current performance monitoring is formed in the form of an admission rating assessment (ARA).

The form and procedure for conducting the final control for each academic discipline / module is established no later than a month from the beginning of the academic period (academic year) at a meeting of the CBA of the MUK. Forms of control are set out in syllabus. Measuring instruments are compiled in accordance with GOSO RK 2015, OP, syllabus. EMCD accessible to residents in electronic form on the student portal (<https://kgmukz.sharepoint.com>).

Transparency and accessibility of assessment procedures is provided by free access to regulatory and regulatory documents relating to the educational process through Platon AIS, the KSMU student portal and the KSMU collective use portal. In addition, AIS Plato gives students the opportunity to monitor their achievements.

Intermediate certification is carried out in the form of testing in accordance with the RUE, academic calendar and IDEA. The frequency and timing of its implementation are approved by the Rector. Testing of residents is conducted for discipline or in a complex during the session at the end of the semester (winter, summer). According to the results of comprehensive testing, the grades for the disciplines are derived.

The results of examinations and proposals for improving the educational process after the completion of intermediate certification are submitted for discussion at the meetings of the departments and the Committee of educational programs in the specialties of residency and additional education.

Competences acquired in the course of preparation for the OP are a resident graduate must demonstrate during the IGA. Students who complete the educational process in accordance with the requirements of the Republican Unitary Program and the Educational Program, as well as have completed a research project, are allowed to attend the IGA. The scientific project ends with a scientific publication and is one of the components for the admission of a resident to the IGA. The IGA is held in the form of a comprehensive exam, which includes an independent examination on the test tasks of the Center and the passing of practical skills on the OSCE technology on dummies within the timeframe provided by the academic calendar and the Republican Unitary School.

The Department of Academic Work, the Department of Accounting for the Contingent of Students, Informatization and the Office of the Registrar, and the organization of the educational process are engaged in registering the entire history of educational achievements of residents.

At the end of the school year, taking into account the results of the summer semester, the Informatization Department and the registrar's office calculate the GPA as a weighted average of the student's level of academic achievement.

Upon completion of the study of the discipline / module, the curator conducts a survey of residents as a form of process assessment and training methodology.

The reliability and validity of students' knowledge assessment methods is carried out in the form of studying and analyzing a measurement and control fund (tickets, case studies, etc.) during an internal and external audit. EMCD, including KIS undergo an internal examination at the department, joint-stock company in the specialties of residency and up to the Academic Council of the NPJSC "MUK". For external evaluation of UMKD and KIS, doctors of practical public health of the first and highest medical category are involved as experts.

In addition, representatives from the practical health care are invited as external examiners for the comprehensive exam (ICA), including the assessment of practical skills acquired by the residency students during their residency.

According to the standard "Policy for evaluating students of the residency", the following can be noted: The University guarantees that the policy for evaluating students of the residency is based on the approved NLA in the field of education and ensures transparency, reliability and validity of the methods for assessing students' knowledge.

Strengths:

1. Organization of monitoring the effectiveness of the implementation of the EP in accordance with the existing NLA in education
2. Informing all interested parties about the policies, procedures and mechanisms for evaluating residents through the AIS "Platon", the KSMU student portal and the KSMU collective use portal
3. Evaluation of the effectiveness of the EP, taking into account the views and requirements of teaching staff, students and representatives of practical public health.
4. Using the educational and educational portal "Plato" for constructive and fair feedback from residents based on the results of the assessment of their knowledge and skills.
5. Attracting practitioners as external examiners in assessing residents' educational achievements during total control of knowledge and skills.

EEC's recommendations:

1. To involve external examiners for an independent assessment of residents at all stages of certification, including intermediate.

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 6

satisfactory - 4

suggest improvements - 0

unsatisfactory – 0

4. Standard «Residency audience»

The procedure for admission of citizens to the residency of the NPJSC “MUK” is carried out in accordance with the Order of the Ministry of Health of the Republic of Kazakhstan No. 28 of January 31, 2008 "On Approval of the Regulation" On Residency ", " Model Rules for Admission to Education in Educational Organizations Implementing Professional Postgraduate Education Programs " Resolution of the Government of the Republic of Kazakhstan No.109 of January 19, 2012.

The frequency of review of the reception policy depends on the introduction of changes in the regulatory and regulatory documents of the Republic of Kazakhstan in the preparation of the Government Decree No. 109 of January 29, 2012.

The rules and procedure for admission to the residency of the NPJSC “MUK” are regulated by the approved and annually revised internal document of the university - “The policy of admission of applicants of the NPJSC “MUK”, are clear, consistent with the mission and goals of the university, are available on the university website and are available to everyone. Reception of students of the residency is carried out by the selection committee of the NPJSC “MUK”. Accessibility and transparency of information about training programs and the selection process is ensured by organizing advertising campaigns to highlight the conditions of admission to the university through the media and the university websites.

On the basis of the current Law of the Republic of Kazakhstan "On Education", "Model Rules for Admission to Education in Educational Organizations Implementing Professional Postgraduate Education Programs", approved by the Government of the Republic of Kazakhstan No. 109 of January 19, 2012, Admission Policy for Students of the NPJSC “MUK” Autonomous Joint-Stock Company in all specialties it is carried out according to quotas of allocated educational grants and places of the state order plan for training personnel, citizens from the disabled groups II and III, disabled since childhood, orphans left without baking parents, aul (rural) youth.

The number of accepted students of the residency is regulated by the State order of the Ministry of Health of the Republic of Kazakhstan for the training of medical personnel and taking into account the possibilities of clinical, practical training of the maximum allowable load on curators, provision of educational, educational and scientific literature, throughput capacity of clinical bases, as well as material and technical resources of the University. The number of accepted trainees is constantly coordinated with the relevant stakeholders, taking into account the need for medical personnel in various fields of medicine. Revisions are carried out regularly, taking into account the needs of the industry and the position on the labor market.

The criteria for applicants entering the residency program in the specialty 6R110200 “General medical practice” are determined in accordance with the requirements of SES RK-2015. The previous level of education of persons wishing to master educational programs of residency in the specialty 6R110200 “General medical practice”, provides for a high level of basic biomedical education and passing entrance exams on a competitive basis. Basic education is assessed by GPA.

The university constantly provides support to students of the residency, focused on social, financial and personal needs, resources are allocated for social and personal support. In the

implementation of the state youth policy, civil-patriotic, legal, moral, professional, aesthetic, ethno-and multicultural education of residents, the Youth Policy Department takes an active part.

In order to ensure the socio-psychological conditions of the individual, provide comprehensive socio-psychological support for students during the entire period of study at the university, the Resident Support Service operates, which is regulated by the Regulations on Student Support Service of KSMU (PP KSMU 19-2, version 2 dated 01.22.18). In addition, the university has staff psychologists. The guarantee of confidentiality regarding counseling and support is reflected in the Code of Conduct.

Financial support is to provide residents who are studying for a grant with a monthly stipend, a dormitory and material assistance are provided to those in need. Financing trips of residents for internships, conferences, forums, cultural events held outside the university is carried out at the expense of funds provided for by the legislation of the Republic of Kazakhstan and the Development Plan of the university in accordance with the Regulations on sending students, undergraduates, doctoral students and residents to the trip (Approved 21.02 .2018g rector of KSMU).

In order to unleash the creative potential of students in the university, there are 19 clubs, language schools, a sports club, in which there are 21 sections in various sports.

Residency students have the opportunity to attend meetings of the advisory bodies and take part in the discussion of issues in the context of their specialty. Suggestions and recommendations, students must be taken into account by members of the deliberative bodies and are taken into account when forming the final decision of the meeting.

Letters of appreciation, letters, letters of recommendation of professors for further continuation of education in postgraduate education in the system of three-stage education are an encouragement for students of the residency. The University encourages the initiative of the resident students in making decisions about the processes, conditions and rules of education and training on the basis of an individual approach to mastering the program.

According to the standard "Residents Listeners" it can be noted that there is a selection and admission to the residency in accordance with regulatory documents. Information about the conditions of admission is in the public domain. Residents are given the opportunity to participate in the deliberative bodies and the evaluation of the training program.

Strengths:

1. Compliance with the policy of admission to residency with the mission, goals of the university and regulating external and internal regulatory legal acts
2. Accessibility and transparency of information on the EP of a residency and the selection process of students for residency
3. Reception of the number of residents taking into account the capabilities of the clinical base, the potential of faculty, material and technical equipment of the department.
4. The possibility of obtaining socio-psychological support, the disclosure of the creative potential of residents
5. The possibility of participation of residents of the residency in the development of training programs, planning working conditions, evaluating the training program, managing the training program

EEC's recommendations:

1. To continue the periodic review of the admission policy to the residency in order to improve the process.
2. Systematic critical review of GPA for students in residency.

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 11
satisfactory - 6
suggest improvements - 0
unsatisfactory – 0

5. Standard «Teaching stuff»

In the educational process of the residency are attracted persons who have a doctor's degree or candidate of science, an academic degree of doctor PhD, doctors of the highest category who have successfully mastered new educational technologies.

The presence of basic education in accordance with the planned pedagogical activity, the presence of scientific and pedagogical experience, academic degree, academic rank are obligatory for teaching staff who train residents. These requirements are reflected in the job descriptions approved by the rector of NPJSC MUK.

The university provides a balance between teaching, research and the provision of medical care by attracted teachers. Scientific work is an integral part of the teaching staff of the university and a prerequisite for the training of residents in all accredited specialties. Teachers who prepare residents are involved in research, the development of clinical protocols for the diagnosis and treatment of RCHDs of the Ministry of Health of the Republic of Kazakhstan.

The faculty of the university regularly improve their pedagogical skills free of charge. Control over the advanced training of teaching staff is carried out by HRMD, as well as by the personnel department. The advanced training plan includes all types of internships, PC courses, etc. Upon completion of the passage of advanced training, certificates of completion of the PPK course are provided.

The University has developed mechanisms and criteria for systematic assessment of the quality of teaching: intra-departmental control in the departments, open classes, inter-attendance of classes, resident questioning, etc.

The university conducts personnel policy in such a way that the profile of the teaching staff strictly corresponds to the range and balance of pedagogical skills, which is achieved by continuously monitoring and regulating the ratio of teaching staff teaching basic and clinical disciplines. Curators are appointed from among the faculty members who have a doctoral degree, a candidate of medical sciences, as well as the highest qualification category, who are actively engaged in scientific and practical activities in the industry.

The teaching staff of NPJSC "MUK" contributes to the achievement of the mission and goals of the university, the qualifications of teachers correspond to the level of their positions and ensure the implementation of the EP. The qualification of teaching staff is confirmed by the relevant academic degree, academic title, work experience, the teaching staff of clinical departments have the qualification category of a specialist, membership in associations.

According to the standard "Teachers", one can note the high level of professionalism of the teaching staff who implement the OP residency. There is a systematic advanced training. All teachers perform the planned load. Personnel potential corresponds to the specifics of the educational program.

Strengths / Best Practices:

1. Highly intelligent teaching staff, selection and placement of teaching staff is carried out taking into account qualifications and professional growth.
2. Compliance of the quantitative and qualitative composition of teachers with the qualification requirements and objectives of the educational program.
3. Implementation of the institute of clinical mentors with relevant job descriptions

EEC's recommendations:

1. Further use of the capabilities of partner universities for the advanced training of teaching and research staff.

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 5

satisfactory - 0

suggest improvements - 0

unsatisfactory – 0

6. Standard «Educational resources»

NPJSC "MUK" provides sufficient resources to organize the learning process. The quality of education is provided by a high level of infrastructure: 4 educational buildings with classrooms equipped with interactive equipment; a research library with reading rooms and an electronic library room; research center and molecular genetic laboratory of collective use; 6 hostels, 57 clinical bases, a clinic, student sports and recreation camps and recreation areas.

The university has classrooms and classrooms, teachers' offices, a simulation center-1, a library with a reading room, a gymnasium, a medical center, a computer technology office, a residents service center, which are equipped with the necessary equipment to ensure the quality of education. In order to effectively implement educational programs, the university management strengthens and modernizes material and technical resources. According to the results of the assessment of the degree of deterioration of buildings, the results of the inventory, the obsolescence of technology, etc., measures are being taken to maintain resources at the level of the requirements for educational institutions. All classrooms and classrooms are equipped in accordance with the ongoing education program, with qualification requirements, in accordance with sanitary and fire safety standards. A safety log is kept. The provision of resident students with computer and information resources is sufficient to conduct a high-quality educational process, complies with licensing and certification requirements. The site of the university operates in Kazakh and Russian languages, offers full information about the university, answers to questions.

Conducting the training of residents in the specialty "General Medical Practice" is assumed at the clinical bases of regional importance with a sufficient number of patients of various nosological forms. NAO "MUK" has concluded contracts and these clinical bases are included in the Resolution of the Government of the Republic of Kazakhstan as the clinical bases of the university. The clinical bases include primary health care organizations, which enables resident GPs to provide medical services in polyclinics. Annual monitoring of clinical sites indicates a continuous increase in their material and technical capabilities for the provision of qualified and highly specialized care. All this in a complex allows to attract a residency student to work in a multidisciplinary team under the guidance of a clinical mentor and curator.

To organize the educational process, the department has 2 lecture halls: 1 - for 50 seats (58.7 m²) and 1 - 60 seats (60.0 m²), training rooms: TOO MF "Hippocrates" - 4 (75 m²); PSE "Polyclinic №3" - 2 (85.6 m²); KSU Regional Infectious Diseases Hospital - 1 (12 m²); Student recreation center of KSMU - 1 (36.6 m²); PSE "Regional TB Dispensary" - 1 (44 m²); PSE "OKVD" 1 (9m²); PSE "Regional Psychoneurological Dispensary" (classrooms in conjunction with the undergraduate level of education (178.8 m²)); KGP "OND" - 1 (9 sq.m) and KGP "ODPND" - 1 (30 sq.m)

The implementation of the EP takes into account the individual needs and capabilities of the resident students. Each student is given the opportunity to develop practical skills and abilities in the offices of the center of practical skills, clinical bases.

The university organizes free access to educational online resources, introduces

information technologies, and monitors the use and development of teaching staff with innovative learning technologies.

The center of practical skills is equipped with modern mannequins, phantoms and models for processing practical skills and abilities in special disciplines.

Computer technologies are widely used in testing students, as well as in the creation of teaching materials on electronic and paper media, in the educational process, in the study of new material, in practical exercises.

The library book of the library is 87817/601621 copies, including:

1) in the Kazakh language - 11161/269613 copies.

2) in Russian - 52074/285068 copies.

According to the “Educational Resources” standard, it can be noted that all the necessary resources are available for the qualitative development of EP. Educational equipment and computer technology meet safety requirements during operation..

Strengths / Best Practices

1. Sufficient resources to support the resident training process.
2. Compliance of educational equipment and software used for the development of EP, safety requirements during operation.
3. Providing a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and capabilities of residents
4. Creating conditions for the development of practical skills and competencies among residents in the studied disciplines
5. The presence of a sufficient number of clinical sites, equipped with modern equipment and contributing to the development of the competencies of the OP in full
6. Continuous assessment of material and technical resources and information support of the EP.
7. The presence of the required number of audiences equipped with modern teaching aids and relevant sanitary and epidemiological standards and requirements.
8. Ensuring the educational process with the necessary number of computers, textbooks, multimedia equipment.
9. Free access to educational online resources.
10. Availability of information characterizing the EP on the web resource.

EEC’s recommendations: None

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 7

satisfactory - 4

suggest improvements - 0

unsatisfactory – 0

7. Standard «Evaluation of the educational program»

Evaluation of educational programs is carried out taking into account the mission of post graduate education (residency) in accordance with the mission of the University and consists in the quality training of competitive residency graduates who are able to continue their lifelong learning in the conditions of dynamically developing modern medicine and carry out their professional activities on the basis of modern innovative intellectual technologies in conjunction with the solution of socially important tasks of practical health care, as well as

those with active citizenship, satisfying the needs and expectations of society and the state.

The process of training residents in the specialty General Medical Practice is aimed at continuing the clinical training of a doctor, acquiring and improving theoretical and practical skills and skills in conducting a comprehensive examination to diagnose diseases, mastering modern methods of treating patients, and learning functional methods in the amount needed for independent work in a polyclinic and day hospital.

The monitoring of EP takes into account the capabilities of the university, the needs of the health care system, and the end results of training residents. In accordance with the needs of practical health care, and with the agreement of their representatives, the disciplines of the elective component are proposed.

The system of monitoring and evaluation of EP covers all aspects of the organization, implementation and evaluation of EP: the development and approval of EP, organization and conduct of the educational process, the achievement of the end results of training, analysis of the results of external and internal audit of the EP and the educational process at the university, analysis of feedback data from all participants in the educational process and stakeholders. Continuous monitoring of the implementation of the EP and monitoring the achievement of the final learning outcomes is carried out by the departments, the school of professional development and residency, CSS.

Monitoring of the implementation of EP is carried out within the framework of internal control during the audit of all activities of teaching staff and students. Monitoring of the educational process includes the monthly holding of department meetings where the implementation of the curriculum, the results of the quality control of the educational process (discussion of practical exercises, lectures, etc.) are discussed. Monitoring and control of the achievement of final learning outcomes is carried out by departments and the School of Professional Development and Residency with final certification. According to the results of the certification of residents at the MUK JSC, MIA annually listens to the report of the IGA Chairman, on the basis of which an action plan is developed aimed at improving and eliminating the identified problems and shortcomings in the educational program.

The assessment of the EP to determine the level of clinical training of residents in the specialty "General Medical Practice" is held with the participation of representatives of the Department of Regional Health Administration, as well as their departments, the Committee for Control of Medical and Pharmaceutical Activities in accordance with the order of the Ministry of Health of the Republic of Kazakhstan No. 28 "On approval of the Residency Regulation" January 30, 2008. State control over the quality of the EP is carried out in the form of an IGA.

For feedback with teachers and residents, the rector's blog is used, where students and university staff receive answers to their questions about the conditions for the implementation of EP. The representation of residents in the AC of the EP, where they can participate in the discussion of the implementation of the EP, is envisaged. The main tool for engaging students in the assessment of the EP is the questionnaire "Residents' satisfaction with the educational program", "The teacher through the eyes of the resident", a systematic questioning of residents in the departments after each discipline. The results of the feedback are analyzed, discussed at the meetings of departments, AK OP, US NPJSC "MUK" and are taken into account when planning work on improvement. In general, the use of feedback in the NPJSC "MUK" is systemic in its assessment in the EP and making relevant changes.

The standard "Evaluation of educational programs" was developed in accordance with the mission, goals and expected results of students. The evaluation of the EP conducted by the university covers all levels of organization and implementation of the EP.

Strengths / Best Practices

2. The presence of an established system of monitoring and evaluation of the educational program, based on a multi-level approach;

3. The regulated process of forming a component at the choice of the OP;
4. Evaluation of the EP according to the internal university quality control system of education, taking into account the views of residents and employers.
5. Dynamic evaluation of clinical sites.
6. Improvement of EP through feedback from all stakeholders

EEC's recommendations: None

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 5

satisfactory - 0

suggest improvements - 0

unsatisfactory – 0

8. Standard «Management and Administration»

The formation of a contingent of the residency NPJSC "MUK" is carried out in accordance with SES RK-2015. Recruitment into the certificate is implemented by placing a state order for the training of medical personnel and taking into account the possibilities of clinical, practical training, the maximum allowable load on supervisors, the provision of educational, educational and scientific literature, the throughput capacity of clinical bases, and the material and technical resources of the University.

The procedure for admitting citizens to residency at a university is established by the "Model Rules for Admission to Education in an Educational Organization Implementing Professional Postgraduate Education Curricula," approved by the Government of the Republic of Kazakhstan No. 109 dated January 19, 2012 and the internal regulatory and regulatory document "Admission Policy of KSMU "(OI / 05), approved by order of the Rector, Protocol No. 9 dated 05.15.2017, which are revised depending on the introduction of changes and additions to the above regulatory and legal document.

Evaluation of residents' educational achievements at the university is carried out using criteria and regulations developed in accordance with the goals and objectives for the implementation of the EP and qualifications assigned within the framework of the current rating system and the control of the educational process in accordance with the legislative, regulatory and internal documents.

The general policy on the assessment of residents, including the timing of the assessment, assessment criteria, methods and forms of conduct, are reflected in the syllabus of each module or discipline. The monitoring system of students' educational achievements is carried out in accordance with the Order of the MES RK No. 125 "Standard rules for conducting ongoing monitoring of the progress of intermediate and final attestation of students in higher education institutions", "Academic policy of the NPJSC "MUK", the Regulation on the residency of the NPJSC "MUK" (<http://portal.kgmu.kz>) and includes various forms: basic control, current control, final control and IGA.

Responsibility for the policy on assessing the knowledge and skills of residents is borne by the relevant officials at various stages of training (faculty teaching staff, clinical instructors, deanery of the CRPD, pro-rector for clinical work and continuous professional development).

To monitor the implementation of the EP and monitor the achievement of the ultimate goals of training in the NPJSC "MUK", key and professional competencies of the resident graduate were developed. Key competencies are spelled out in MOP.

Academic achievements of residents are assessed using various forms of control and certification, defined by the "Regulations on the rating assessment of student achievement." Assessment of knowledge is carried out on a point-rating letter system. The examination

system in residency consists of basic, current and final forms of control. After completion of the exam in each discipline, the student is given a final grade for the discipline. Examination sheet is transmitted to the office of the registrar. To retake the exam from “unsatisfactory” to a positive one, the student again attends all types of training sessions envisaged by the IDC, receives admission and passes the final control. Preparation and re-transfer of the final control is carried out outside of the lesson time during the summer holidays.

According to the “Management and Administration” standard, one can note the high level of organization of EP implementation at all stages, aimed at implementing the mission and the strategic plan of the university in accordance with the requirements and needs of the national health care system.

Strengths / Best Practices

1. Continuous organizational, coordination and administrative work aimed at achieving the mission of the educational program;
2. transparency of the management system and decisions;
3. the responsibility of academic leadership in the design and management of the educational program;
4. sustainable financial condition of the University;
5. extensive collaboration with partners in the health sector.
6. Evaluation of the management and structural units of the university through regular internal audit and self-assessment.

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvements / unsatisfactory)

strong - 12

satisfactory - 1

suggest improvements - 0

unsatisfactory – 0

VI. RECOMMENDATIONS TO NCJSC «Medical University of Karaganda» ON THE EDUCATIONAL PROGRAM OF ACCREDITED SPECIALTY OF RESIDENTURES 6R110200 - «GENERAL MEDICAL PRACTICE»:

1. Extensive informing the public and all interested parties about the implementation of the residency specialty 6R110200 - “General medical practice” in the NPJSC “MUK”.
2. Further involvement of stakeholders (employers, students) to improve the mission of the educational program at all stages of its development, implementation and monitoring.
3. Further use of the capabilities of partner universities for the advanced training of teaching and research staff.

APPENDIX 1. EVALUATION TABLE «SPECIALIZED PROFILE PARAMETERS»

	№ II\II	CRITERIA FOR EVALUATION	Position of the organization of education			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
	2.	"MISSION AND OUTCOMES"				
	2.1	Definition of the mission of the educational program				
1	2.1.1	The medical education institution should define the mission of the residency education program and widely inform the public and the health sector about the declared mission.	+			
2	2.1.2	Medical education institution must determine the mission of the educational program on the basis of consideration of the health needs of society, the needs of the medical care system and, accordingly, other aspects of social responsibility.	+			
3	2.1.3	Medical education institution must ensure that the main stakeholders are involved in the development (formulation) of the mission of the educational program.	+			
4	2.1.4	Medical education institution must ensure that the mission of the educational program is consistent with the organization's mission and allow to prepare a competent researcher at the level of postgraduate medical education.	+			
5	2.1.5	The mission statement must contain goals and an educational strategy that will allow you to prepare a competent scientist, researcher at the postgraduate medical education level.	+			
6	2.1.6	The mission of the educational program: <ul style="list-style-type: none"> - should correspond to available resources, opportunities and market requirements; - it must be determined how to support it; 	+			

		- access to information about the mission of the educational program for the public should be provided (availability of information on the university website).				
7	2.1.7	The mission and objectives of the educational program should be discussed at the advisory boards / commissions of the university and approved at the advisory board of the university.	+			
8	2.1.8	Medical educational organization should systematically collect, accumulate and analyze information about its activities in preparation for the implementation of the residency program; conduct an assessment of strengths and weaknesses (SWOT analysis), on the basis of which the leadership of the medical education institution, together with the advisory council, should determine policies and develop strategic and tactical plans.		+		
	2.2	FINAL LEARNING RESULTS				
9	2.2.1	The medical education institution should determine the end results of training that should be achieved by future residents as a result of the training program in relation to: their postgraduate achievement in knowledge, skills and thinking; an appropriate basis for their future career in a chosen field of medicine; future roles in the health care system; commitment and skills in lifelong learning; the needs and problems of public health, the needs of the health care system and other aspects of social responsibility; professional behavior.	+			
10	2.2.2	The medical education institution must determine the end results of training in general and specific to the discipline / specialty components that students need to achieve upon completion of the program.	+			
11	2.2.3	The medical education institution should determine the end results of training regarding the proper behavior and attitude towards patients and their relatives.	+			
12	2.2.4	The medical education institution should have mechanisms to guarantee the proper professional behavior and attitude of the residents to colleagues and other medical personnel, teachers, other health workers, and obey the Code of Honor.	+			
13	2.2.5	Medical education organization must inform the public about the established outcomes of the residency program training in the relevant specialties.	+			
14	2.2.6	Medical educational organization should guarantee continuity between the end results of	+			

		training programs of basic and postgraduate medical education.				
	2.3	PARTICIPATION IN FORMULATION OF THE MISSION AND FINAL RESULTS				
15	2.3.1	The medical education institution must determine the mechanisms for involving stakeholders in the formulation of the mission and the final results of training in the educational program.	+			
16	2.3.2	The medical educational organization should formulate the mission of the educational program and determine the final results of the training program taking into account proposals from other stakeholders, which are representatives of other medical specialties, patients, society, organizations and authorized health authorities, professional organizations and medical scientific societies.	+			
		Total	15	1	-	-
	3	STANDARD "EDUCATIONAL PROGRAM"				
	3.1	FRAMEWORK PARAMETERS OF POST-UNIVERSITY MEDICAL EDUCATION PROGRAM				
17	3.1.1	The medical education institution should determine the educational framework parameters based on the established learning outcomes for this program and the qualifications of the resident graduate, develop them in accordance with the required results of the existing basic medical education and organize the systematic and transparent training.	+			
18	3.1.2	Medical education organization must ensure that the content of the residency program meets the requirements of SES RK and ensure the breadth of training in accordance with the name of the program and the necessary depth of training in the area determined by the specialty.	+			
19	3.1.3	Medical education institution should use practice-oriented training ensuring the personal participation of residents in the provision of medical care and patient care responsibility.	+			
20	3.1.4	The medical education institution should use appropriate teaching and learning methods and ensure the integration of components in practice and theory, which include didactic classes and experience in assisting the patient, as well as independent and active training.		+		
21	3.1.5	Medical education organization must ensure that training will be conducted in accordance with the principles of equality.	+			
22	3.1.6	The medical education institution should use a student-centered approach in training that encourages, prepares and supports future	+			

		residency students to take responsibility for their own learning process and demonstrate in their practice.				
23	3.1.7	Medical education organization should provide mechanisms for mentoring, regular evaluation and feedback, informing about the program and the rights and obligations of future residents, as well as include ethical obligations in the program.		+		
24	3.1.8	Medical educational organizations should provide mechanisms to increase the independence and responsibility of residents of the residency regarding their knowledge, skills and development of experience.	+			
25	3.1.9	Medical education organizations should recognize gender, cultural and religious features and prepare future residents for relevant relationships with patients.		+		
	3.2	SCIENTIFIC METHOD				
26	3.2.1	Medical education organization should introduce the scientific foundations and methodology of medical research, including clinical research.	+			
27	3.2.2	The medical education institution must ensure that future residents of the residency are able to use scientific justification, will study and know evidence-based medicine through wide access to relevant clinical / practical experience on the bases of the relevant profile in the chosen field of medicine.	+			
28	3.2.3	Medical education organization should provide for the teaching and training of critical evaluation of literature, articles and scientific data, the use of scientific research.		+		
	3.3	PROGRAM CONTENT				
29	3.3.1	Medical education organization should include in the preparation program clinical work and the relevant theory or practice of basic biomedical, clinical, behavioral and social sciences, preventive medicine, clinical decision making, communication skills, medical ethics, public health, medical jurisprudence and forensic medicine, managerial disciplines, patient safety, responsibility for their own health, knowledge of complementary and alternative medicine.	+			
30	3.3.2	The medical education institution should organize educational programs with due attention to patient safety and autonomy.	+			
31	3.3.3	The medical education institution should ensure in the educational program the development of knowledge, skills and professional attitudes corresponding to the different roles of the doctor,	+			

		such as a practicing doctor or medical expert, communicator, employee and team member, leader / manager or administrator, patient health and health advocate, scientist / researcher.				
32	3.3.4	Medical educational organization should provide mechanisms for adjusting and changing the content to changing conditions and the needs of the system of medical care.		+		
	3.4	PROGRAM STRUCTURE, CONTENT AND DURATION				
33	3.4.1	The medical education institution should describe the overall structure, composition and duration of the educational program, clearly establish the mandatory component and the component of choice, integrate practice and theory, take into account the requirements of national legislation and ensure that the local, national or regional health systems are adequately focused on the needs of medical care to the public.	+			
34	3.4.2	The medical education institution should , when deciding on the duration of the program, take into account the required end results of postgraduate medical education in relation to the chosen field of medicine, the requirements for performing different roles of certified specialists in the health sector, and possible alternatives to use time-based training.	+			
	3.5	ORGANIZATION OF TRAINING				
35	3.5.1	The medical education institution must determine the responsibility and authority for organizing, coordinating, managing, and evaluating each base for training / clinical base and the learning process.	+			
36	3.5.2	Medical educational organization should guarantee clinical education in multidisciplinary clinics and mechanisms for coordinating training on the basis of these clinics so that future residents of the residency will receive adequate training in various aspects of the chosen field of medicine.	+			
37	3.5.3	Medical educational organization should guarantee training in the conditions of various clinical bases, which are characterized by the profile of clinics, different categories of patients, the level of medical care (primary care, specialized medical care, highly specialized medical care), hospitals and dispensaries.	+			
38	3.5.4	Medical educational organization must observe when planning an educational program proper representation of employees, residents and other relevant stakeholders.	+			
39	3.5.5	Medical education organization should have	+			

		access to the resources necessary for the planning and implementation of training methods, assessment of students, innovation of the training program.				
	3.6	THE RELATIONSHIP BETWEEN AFTERNOUNCE MEDICAL EDUCATION AND RENDERING OF MEDICAL AID				
40	3.6.1	The medical education institution should describe and recognize the role of mentoring in professional development, ensure the integration between training and medical care (on-the-job training), ensure that training is complementary and is consistent with the requirements for medical care.		+		
41	3.6.2	Medical education organizations should effectively organize the use of the capabilities of the health care system or the provision of medical care for educational purposes, which involves using the capabilities of various clinical bases, patient problems and clinical problems for educational purposes, while at the same time complying with the requirements for providing medical care.	+			
		Total	19	6	-	-
	4	Standard "POLICY OF EVALUATION OF RESIDENTIAL LISTENERS"				
	4.1	EVALUATION METHODS				
42	4.1.1	The medical education institution should formulate and implement a resident trainee assessment policy, including principles, objectives, methods and practices for evaluating resident trainees, including specialist qualification examinations, and ensure that the assessment covers knowledge, skills and professional behavior and attitude.	+			
43	4.1.2	The medical education institution should use an additional set of assessment methods and formats in accordance with their “applicability”, which includes a combination of validity, reliability, impact on training, acceptability and effectiveness of assessment methods in relation to the established learning outcomes.		+		
44	4.1.3	The medical education institution must formulate criteria for passing exams or other types of assessment, including the number of rehearsals allowed.	+			
45	4.1.4	The medical educational organization must study and document the reliability, validity and fairness of assessment methods.		+		
46	4.1.5	Medical education organization should use the system of appeal of the results of assessment based on the principles of equity and through	+			

		adherence to the legal process.				
47	4.1.6	Medical education organization should promote the involvement of external examiners, introduce new assessment methods, if necessary.		+		
48	4.1.7	Medical education organizations should keep a record of the different types and stages of training in an educational journal or protocols.	+			
	4.2	INTERRELATION BETWEEN ASSESSMENT AND EDUCATION				
49	4.2.1	The medical education institution should use assessment principles, methods and practices that are compatible with established learning outcomes and teaching methods.	+			
50	4.2.2	Medical education organization should have mechanisms for providing timely, specific, constructive and fair feedback to future residents of the residency based on the results of the assessment of their knowledge and skills.		+		
51	4.2.3	Medical educational organization should use the principles, methods and practices of evaluation, which promote integrated learning and involvement in practical clinical work, provide interprofessional training.	+			
		Total	6	4		
	5.	STANDARD "LISTENERS OF RESIDENTURES"				
	5.1	ACCEPTANCE AND SELECTION POLICY				
52	5.1.1	Medical education institution should consider the relationship between the mission of the university, the educational program and the selection of students residency.	+			
53	5.1.2	The medical education institution must ensure a balance between the available potential and opportunities for training and the recruitment of trainees.	+			
54	5.1.3	The medical education institution must formulate and implement a policy on the criteria and the selection process of students, including the admission of residents with disabilities, requiring the necessary conditions and equipment in accordance with national laws and regulations, and take into account the safety of doctors and patients.	+			
55	5.1.4	Medical education organization should formulate and implement a policy of transfer of residents from other national or international programs.	+			
56	5.1.5	Medical education organization must guarantee a high level of understanding of biomedical sciences, achieved at a basic level before the start of postgraduate education.		+		

57	5.1.6	Medical educational organization must guarantee the transparency of the selection procedure and equality of access to post-graduate education.	+			
58	5.1.7	Medical education organization should be considered in the framework of its selection procedure the specific abilities of applicants in order to improve the result of the learning process in the chosen field of medicine.		+		
59	5.1.8	The medical education institution should develop an appeal procedure against the decision of the admissions committee.	+			
60	5.1.9	Medical education organizations should provide mechanisms for periodic review of admission policies, based on relevant social and occupational data, to meet the needs of public health.		+		
	5.2	NUMBER OF TRAINERS				
61	5.2.1	The medical education institution should establish the number of residency students, which corresponds to the clinical / practical training opportunities, the potential of clinical mentoring and other available resources, the national and regional human resource needs in accordance with the chosen field of medicine, and if the medical educational organization does not determine its own enrollment, should demonstrate its responsibility, explaining the existing relationship with the authorized body E and paying attention to the consequences of the decisions on the reception of, for example, the imbalance between the set and the existing potential and opportunities bases and resources to prepare.	+			
62	5.2.2	Medical education organization should have accessible information about the health needs of society, which includes consideration of a balanced set in accordance with the gender, ethnic and social characteristics of the population, including the potential need for a special policy of recruitment and admission of their groups of small nations and doctors from rural areas.		+		
63	5.2.3	The medical educational organization should determine the number of students in residency by consulting with interested parties.		+		
	5.3	SUPPORT AND CONSULTATION OF RESIDENT LISTENERS				
64	5.3.1	Medical education organization should have a system of academic counseling for future residents.	+			
65	5.3.2	Medical education organization should have	+			

		mechanisms to support students of the residency, focused on social, financial and personal needs, the allocation of appropriate resources for social and personal support.				
66	5.3.3	Medical education organization must guarantee confidentiality with regard to counseling and support provided and provide support for career guidance and career planning.	+			
67	5.3.4	Medical educational organization should provide support in case of professional crisis and problem situations.	+			
	5.4	REPRESENTATIVE OFFICE OF RESIDENTIAL LISTENERS				
68	5.4.1	Medical education organization should develop and implement a policy on the representation of residents, including in the formulation of the mission and the final results of training, participation in the development of training programs, planning of working conditions, evaluation of training programs, management of training programs.		+		
		Total	10	7		
	6.	STANDARD "TEACHERS"				
69	6.1.1	Medical education organization should develop and implement a policy of recruitment and admission of teachers, managers and mentors, which determines the required experience, criteria for scientific and educational, pedagogical and clinical achievements, including the balance between teaching, scientific activities and specialist qualifications, their responsibilities, duties of employees and, in particular, the balance between teaching, research and medical care.	+			
70	6.1.2	Medical education organization should in its selection policy take into account the mission of the educational program, the needs of the educational system and the needs of the medical care system.	+			
71	6.1.3	Medical education organization should determine the responsibility of all doctors as part of their professional duties to participate in postgraduate education based on practice, reward for their participation in postgraduate training of specialists, ensure that teachers are practitioners in relevant areas, guarantee that teachers in sub-specialties are appointed only for a certain period of study in accordance with Ikoyi training programs and qualifications.	+			
72	6.1.4	Medical education organization must ensure that teachers have enough time for teaching, mentoring and training, to provide a program for	+			

		the development of teachers and mentors, to guarantee periodic evaluation of the activities of teachers and mentors.				
73	6.1.5	In the development and implementation of personnel policy, the medical educational organization should include in the development program of staff and support of teachers their training and further professional development of both professional and pedagogical qualifications; evaluate and recognize academic activities as teachers, mentors; determine the ratio between the number of teachers who have received recognition and the number of students of the residency, ensuring their individual relationship and monitoring the achievements of students of the residency.	+			
		Total	5	-		
	7	STANDARD "EDUCATIONAL RESOURCES"				
	7.1	MATERIAL AND TECHNICAL SUPPORT AND EQUIPMENT				
74	7.1.1	Medical education organization should provide students of the residency with a base and opportunities for practical and theoretical training, access to the latest professional literature and sources, adequate information and communication technologies and equipment for practical skills training, a safe environment for self-directed learning.	+			
	7.2	CLINICAL BASES				
75	7.2.1	The medical education institution must select and approve bases for training and provide access to appropriate clinical / practical bases for training, a sufficient number of patients, eligible patients and information about patients with various problems to achieve the goals of training, including the use of both inpatient and outpatient care and duty.	+			
76	7.2.2	Medical education organization should , when choosing a learning environment and clinical base, ensure that health education and disease prevention, training in other clinics / institutes and primary health care are included in the training program.	+			
77	7.2.3	The medical education institution should develop and implement a quality control system for clinical bases and other educational resources, material and technical equipment, including visits to training bases or other established procedures.		+		
	7.3	INFORMATION TECHNOLOGY				
78	7.3.1	Medical education organization must guarantee access to the web and electronic media and effectively use information and communication	+			

		technologies, while respecting ethics, as an integrated part of the educational program.				
	7.4	MEDICAL RESEARCH AND ACHIEVEMENTS				
79	7.4.1	Medical education organization must provide information about the research base and priority areas in the field of scientific research of medical education organization	+			
80	7.4.2	Medical educational organization should provide for future residents of the residency appropriate time in the training program for research.	+			
81	7.4.3	Medical educational organization should provide access to equipment for research and ongoing scientific activities in the training bases.		+		
	7.5	PREPARATION IN OTHER INSTITUTIONS				
82	7.5.1	The medical education institution should develop and implement an accessibility policy for future residents and provide them with training opportunities in alternative institutions inside or outside the country.		+		
83	7.5.2	The medical education institution should create a system for the transfer and offsetting of learning outcomes through active coordination of programs between training institutions and the use of academic credits.		+		
84	7.5.3	Medical education organizations should develop relationships with relevant national and international bodies in order to facilitate the exchange and mutual recognition of learning elements.	+			
		Total	7	4		
	8	Standard "ESTIMATION OF EDUCATIONAL PROGRAMS"				
85	8.1	The medical education institution should have mechanisms for monitoring the educational program, taking into account the mission, the required learning outcomes, the content of the educational program, the assessment of knowledge and skills, educational resources.	+			
86	8.2	Medical education institution should evaluate the program regarding the policy of admission of residents and the needs of education and the health system in the medical staff.	+			
87	8.3	Medical education institution must ensure the participation of stakeholders in the evaluation of the program.	+			
88	8.4	Medical educational organizations should provide mechanisms to ensure the transparency of the process and the results of the evaluation of the educational program for management and all interested parties.	+			

		Total	4	4		
	9	Standard "MANAGEMENT AND ADMINISTRATION"				
89	9.1	Medical education organization must determine the structural unit responsible for the educational programs and the achievement of the final learning outcomes.	+			
90	9.2	The structural unit responsible for educational programs should have the authority to plan and implement an educational program, including the allocation of allocated resources for planning and implementing teaching and learning methods, evaluating students for residency, evaluating educational programs and training courses.	+			
91	9.3	Medical education organization should determine the responsibilities and duties of management / staff for postgraduate medical education.	+			
92	9.4	Medical education organizations should develop a quality management management program, including regular reviews.	+			
93	9.5	The medical education institution should have clear responsibilities and authorities for providing educational programs with resources, including a targeted training budget, should allocate the resources necessary to implement and implement the training program and allocate educational resources in accordance with the needs.	+			
		Total	5	-		
		Full	63	21		