



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the results of the work of the external expert commission for
assessment for compliance with the requirements of specialized
accreditation standards of**

**magistracy specialty 6M110300 / M 141- "Nursing"
JSC "South Kazakhstan Medical Academy"**

May 25 - May 27, 2020

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
EXTERNAL EXPERT COMMISSION**

**Addressed to the IAAR
Accreditation Council**



Независимое агентство
аккредитации и рейтинга

REPORT

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JSC "South Kazakhstan Medical Academy"

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Shymkent

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I. LIST OF SYMBOLS AND ABBREVIATIONS

JSC "SKMA – joint Stock company" South Kazakhstan medical Academy

DB-basic discipline

LIC – library and information center

HEI – higher education institution

SAC – State Attestation Commission

SCES – State Compulsory Educational Standards

UNT or CT-unified national testing or complex testing

IC – individual curriculum

CCh-component of choice

CFR – club of fun and resourceful

CTPC – computer test publishing center

CTT-credit technology of training

MH RK – Ministry of health of the Republic of Kazakhstan

CED-catalog of elective disciplines

MES RK – Ministry of education and science of the Republic of Kazakhstan

MC-methodological Council of R & d-research work of a student

CPD – continuous professional development

MC – mandatory component

MD-mandatory disciplines

OR-office of the Registrar

EP – educational program

OSPE-objectively structured practical exam

PD-profiling disciplines

R-rules

Teaching staff – teaching staff

QMS-quality management system

IWS – independent work of the student

WC – work curriculum

EMC-educational and methodological center

AC – Academic Council SF-Faculty Council

CEP – Committee on the educational program

SKMA-South Kazakhstan medical Academy

CBL – case – based learning (training based on a clinical case)

GPA –Grade Point Average

MCQ – multiple choice questions

PBL – problem-based learning

TBL-team-based learning

II. INTRODUCTION

In accordance with the order of the Independent accreditation and rating Agency (hereinafter - IAAR) NO. 32-20-OD dated 21.04.2020, an external expert Commission assessed the compliance of educational activities with the accreditation standards of the educational program of the specialty in the specialty of MASTER's degree 6M110300-"NURSING".

The report of the external expert Commission (hereinafter - EEC) provides an assessment of the educational program of the specialty IN the SPECIALTY master's 6M110300" NURSING" criteria of the IAAR and recommendations of the EEC for further improvement of the activities of SKMA.

The composition of the EEC:

1. **Chairman of the Commission**-Omarkulov Bauyrzhan Kadenovich, PhD, associate Professor, NAO "Medical University of Karaganda" (Karaganda);

2. **Foreign expert** - Marina Kanushina, Director of "AC Institute of international Education", PhD, MBA.(Prague, Czech Republic);

3. **Expert**-Ivanchenko Nellya Nikolaevna, PhD, Kazakh national medical University named after S. D. Asfendiyarov (Almaty);

4. **Expert**-Aimbetova Gulshara Yergazyevna, PhD, associate Professor, Kazakh national medical University named after S. D. Asfendiyarov (Almaty);

5. **Expert** – Shukirbekova Alma Boranbekovna, PhD., associate Professor, JSC "Medical University of Astana" (Nur-Sultan);

6.**Expert** – Matyushko Dmitry Nikolaevich, PhD, NAO "Medical University of Karaganda" (Karaganda);

7. **Expert** – Stepkina Elena Leonidovna, PhD., Kazakhstan medical University "vshoz" (Almaty);

8. **Employer** – Rysmakhanov Nuradil Mahanbetkhanovich, Multidisciplinary medical clinic "jak-med" (Shymkent);

9. **Student** – Sattarkhan Anel Aidarkyzy, member of the students' Alliance of Kazakhstan, Silkway international University (Shymkent);

10. **The Agency's observer** - Aigerim Aymurzieva Urinbayeva, Head of the Agency's medical projects (Nur-Sultan).

III. REPRESENTATION OF JSC SKMA

JSC "South Kazakhstan medical Academy" (hereinafter referred to as the Academy) is the leading medical higher education institution in the country, providing educational services in the market of Kazakhstan for more than 40 years.

The Academy trains specialists in medical, pharmaceutical and pharmaceutical engineering at the level of secondary technical professional education (medical College), higher (bachelor's degree, internship), postgraduate education (master's degree, residency); at the level of continuous professional development of healthcare personnel (professional development and retraining of medical and pharmaceutical personnel).

The Academy has a license Committee on control in education and science MES RK №KZ36LAA00011387, 28 March 2018, without limitation, the right to perform educational activity on programs of technical and vocational, higher and postgraduate education, according to which the Academy has the right to issue education documents of the state sample; has a certificate of institutional accreditation issued by IAQAE dated 24.12.2018, registration no. IA-a no. 0095. The certificate expires on December 22, 2023. <http://ukma.kz/ru/obrazovatelnyjprotsess/institutsionalnaya-akkreditatsiya.html>, and also has a certificate for specialized (program) accreditation of the educational program in the specialty 6M110200 "Public health", issued by IAQAE on 25.04.2015, registration number 0050/2. The certificate is valid for 24 April 2020.

Management system of the Academy

Rector of the Academy-doctor of medical Sciences, Professor Rysbekov Myrzabek Myrzashevich.

The main task of the Academy is to create the necessary conditions for obtaining higher professional education, postgraduate professional education aimed at the formation, development and professional formation of the individual on the basis of national and universal values.

In order to achieve its goals and objectives, the Academy performs the following functions:

- training of qualified specialists with higher and postgraduate medical and pharmaceutical education provided for by legal acts in the field of education;
 - training, retraining and advanced training of healthcare workers with higher professional education;
 - organization and conduct of research, fundamental and applied scientific research on health and medical education;
 - organization of joint work with health organizations on disease prevention;
 - participation in the organization and conduct of scientific and educational events, exhibitions, seminars, conferences, trainings in the field of health and medical education;
 - development, publication and distribution of educational, scientific and practical literature, including on electronic media;
 - organization and improvement of methodological support for the educational process;
 - material and technical support, equipment in accordance with regulatory requirements for the organization of educational and scientific work;
 - introduction of innovative educational technologies in the educational process;
 - implementation of direct relations with foreign and international organizations and institutions, conclusion of agreements on cooperation in the field of education and scientific activities;
 - sending students, undergraduates, residents, doctoral students, teachers to other countries (including through exchange) for education, training, research, exchange of experience and professional development;
 - participation in international research projects and grants.
- Students and staff are provided with a high-speed Wi-Fi network that covers the area of all academic buildings and dormitories of the Academy. Each student and employee has a personal account to log in to

the information system platform, employees have personal access to the corporate portal for the implementation of electronic document management.

- To improve the quality and speed of work, distance learning technologies based on Moodle have been introduced.

- The Academy provides training in Kazakh, Russian and English at 34 departments at the pre-graduate and postgraduate levels of study, in the following specialties:

Pre-graduate education: <http://ukma.kz/ru/structure/fakultety/fakultet-farmatsii.html>;
<http://ukma.kz/ru/structure/fakultety/meditsinskii-fakultet.html>

- 5B130200 / B087 "Dentistry"
- 5B110100 / B084 "Nursing"
- 5B110300 / B085 "pharmacy"
- 5B074800 / B072 "pharmaceutical production Technology"
- 5B074700 / B088 "Pediatrics"
- 5B110200 / B089 "Public health"
- 5B130100 / B086 " General medicine»

Postgraduate professional education: master's degree in 4 specialties:
<http://ukma.kz/ru/obrazovatelnyj-protsess/poslevuzovskoe-obrazovanie.html>

- 6M110100/ M144 "Medicine"
- 6M110200/ M140 "Public health"
- 6M110300/ M141 "Nursing"
- 6M110400/ M142 "pharmacy"

doctorate in 1 specialty: <http://ukma.kz/ru/obrazovatelnyjprotsess/poslevuzovskoe-obrazovanie.html>

- 6D110400/D 140 " pharmacy»

residency for 13 specialties: <http://ukma.kz/ru/obrazovatelnyj-protsess/poslevuzovskoe-obrazovanie.html>

- 6R110300/ R 001 "Cardiology, including children's"
- 6R111300/ R 011 "Infectious diseases, including kids"
- 6R111500/ R 037 "Neuropathology, including children's"
- 6R111900/ R 014"radiology"
- 6R112700/ R 036 "General surgery"
- 6R114200/ R 030"Pediatrics"
- 6R114400/ R 032"Obstetrics and gynecology, including children's"
- 6R 038 "Family medicine"
- 6R110100/ R 039"Therapy"
- 6R113500/ R 025"Traumatology and orthopedics, including children's»
- 6R112600/ R 017 "Anesthesiology and resuscitation, including children's"
- 6R113800/ R 028 "Otorhinolaryngology, including children's"
- 6R113400/ R 024 "Oncology»

The quality of education and research at the Academy is provided by a high level of infrastructure: 4 academic buildings with classrooms equipped with interactive equipment; a scientific library with a reading room and an electronic library hall; a research laboratory for Medicinal plants and genomic research; 2 dormitories; 37 clinical bases.

As part of integration into the European educational space in the context of the Bologna process, the Academy signed the Magna Carta of Universities in Bologna (Italy) on September 17, 2015.

The Academy carries out active international cooperation in the field of medical education, science and practice with medical universities and research centers of the near and far abroad countries. Partners of the Academy are such universities as: Gdansk medical University (Poland), and others.

In 2015, with the active Advisory and informational support of the national office of Erasmus + Kazakhstan, SKMA became a participant of the Erasmus+561857-EPP project for the first time-12015-1-DE-EPPKA2-CBHE-JP as part of the development of a strategic partnership, a Memorandum of cooperation was signed with the Gdansk medical University (Poland) in 2016. 18 students and 44 employees of the Academy took part in international academic mobility programs. Every year, more than 60 students take part in international scientific conferences and research. Thus, at the initiative of the Academy, the international conference of the Foundation of the First President of the Republic of Kazakhstan has been held since 2017

The Academy participates in the implementation of national programs and projects of scientific research in the field of health. Over the past three years, the number of publications in publications indexed in the authoritative databases of scientific information Thomson Reuters and Scopus has increased 6 times. In addition, 1 project of grant funding of the Ministry of education and science of the Republic of Kazakhstan "Comprehensive prevention and reduction of mortality from major cardiovascular diseases in primary health care, taking into account climate, meteorological and environmental factors of the region" is being implemented. Since 2020, the Academy's employees have been participating in the program-targeted funding project "national program for the introduction of personalized and preventive medicine in the Republic of Kazakhstan".

From 2015 to the present, more than 50 scientific and technical programs and projects have been implemented in the field of health and medical education.

The dental clinic created on the basis of the Academy is equipped with modern medical diagnostic equipment to provide medical care to the population of the city.

Passing of high-quality and professional practice of students is carried out at various bases in the Republic of Kazakhstan and abroad.

The Department of social Affairs and youth policy makes a significant contribution to the implementation of educational work and youth policy aimed primarily at the formation of a Patriotic spirit, an active life position, as well as a healthy lifestyle of students and employees of the Academy. On the basis of the Academy there are:

- self-government organizations (student rector, Vice-rectors and deans) and «Bolashak» youth center
- creative circle «Shabyt» - sports club «Barys»
- women's Council «Aikorkem»
- ethnic club «Birlesu»
- debate club «Ziyaly Kazak»
- CFR team «MedCity»
- anti-corruption center «Sanaly Urapak»
- hostel youth Council
- English language club «English club»

Also, students of the Academy take an active part in the Republican associations of students of medical universities of the Republic of Kazakhstan "SKMA student Alliance", "Zhas Otan" and "KazMSA".

The effectiveness of the Academy's activities is confirmed by reports of the Commission for evaluating the University's activities, successful completion of specialized accreditation.

The national Agency of IAFQAE has passed specialized accreditation:

- 4 bachelor's degree programs;
- 4 master's degree specialties;
- 6 years of residency specialties.

The IAAR national Agency has passed specialized accreditation of 5 educational programs of the College.

In 2018, the Academy was awarded a high national rating and took 3rd place in the General institutional rating of medical universities of the Republic of Kazakhstan, in the rating of educational programs "master's degree" 1st place in the specialty "pharmacy", 2nd place in the specialty "Medicine" and "Nursing". ((Annex 1).

According to the rating indicators of research and innovation 2017 "JSC SKMA" takes 2nd overall place among medical universities of Kazakhstan, and in 2018, the 3-rd place.

Graduates of the Academy successfully work in all regions of Kazakhstan, as well as countries of the near and far abroad. The percentage of employment of graduates from year to year remains at a high level (92%), which undoubtedly indicates the recognition, demand and competitiveness of our specialists in the labor market.

Graduates of the Academy in different years headed the country's medical service: Tsoi Alexey Vladimirovich, Vice – Minister of health of the Republic of Kazakhstan; Yermagambet Kuatbayev- Head of the cardiac surgery unit at the National cardiac surgery center; Seitzhan Sypabekov- General Director of Galamat Integra, DBA; Kanat Sukhanberdiev- program coordinator for health and nutrition; head of Johnson&Johnson in Kazakhstan- Adilet Nazarbayev.

Graduates of a magistracy in the specialty "Public health" to successfully operate and occupy leadership positions: Abdrazakov Arthur Titlewave, master - Director of the branch of RSE on PVC "national center of expertise" KCBTA MH of the RK in the Turkestan region, Artykbayev Indira Saparbekova, master - head of LLP "Rehabilitation center" Atameken", Kurbonkhojaev Yerlan Sansyzbaevich, master - Deputy head of Department of control of quality and safety of products and services of the Turkestan region Serik Mynbayev Ibrahimovic, master- the chief physician of the SCE on PVC "mental health Center" health Department of the city of Shymkent, Kenzhekhanova Almagul Zhumahanovna, master - acting head of Department of Committee of pharmacy of the MH on the Turkestan region, Dautov Torehan Bekbulatovich, master Committee, Department of labor, social protection and migration of the Ministry of labour and social protection of Shymkent, Deputy head of medico-social expertise, Dawei Bauyrzhan Kulmaganbetova – Director of the medical center "Dau-Med".

The Department of "Social health insurance and public health" is the head of the Department. Department of candidate of medical Sciences, acting associate Professor Sarsenbayeva Gulzat Zhanabayevna <http://ukma.kz/ru/structure/kafedry/kafedra-sotsialnogo-meditsinskogostrakhovaniya-i-obshchestvennogo-zdorovya.html>

Teachers who plan to provide the educational process for the EP meet the qualification requirements, 100% of the teaching staff have academic degrees.

IV. DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

This educational program was not accredited by the IAAR.

V. DESCRIPTION of the visit of the EEC

The visit of the external expert Commission (hereinafter - EEC) to the SKMA was organized from may 25 to 27, 2020. in accordance with the Program approved by the Director of NU "IAAR" Zhumagulova A. B. and approved by the rector of SKMA, MD, prof. Rysbekov M. M.

During the visit, the EEC studied the normative and educational-methodical documents on the educational program, educational-methodical complexes of disciplines, methodological documents, as well as work in the information system (hereinafter - is) Platonus.

All materials requested by the Commission were provided by representatives of the SKMA in a timely manner. With the aim of obtaining objective information on the evaluation of SKMA members of the EEC was carried out: visual inspection of classrooms, laboratories and other facilities that provide training, observation, interviewing employees of different departments, teachers, students, employers, alumni SKMA, a survey of faculty and students.

The presence of employees and persons specified in the visit Program was ensured by the SCMA. The three-day program for conducting the EEC was completed in full, in accordance with the distribution of activities by day: On the first day, may 25, 2020, a preliminary meeting of the Chairman and members of the EEC IAAR was held, during which the following were announced: goals, program, responsibilities of EEC members and clustering of accredited EP: two main EEC clusters were identified,

Cluster 1:	EP 6 V 101 (5V130100) General medicine
	EP 6 V 105 (5V110200) Public health
	EP 6 V 104 (5V110100) Nursing
	EP 6B10106 (5B110300) pharmacy
Cluster 2:	EP M144/6M110100 Medicine
	EP M 140/6M110200 Public health
	EP M141/6M110300 Nursing
	EP M142/6M110400 pharmacy

Key issues were discussed, and additional information was identified that should be requested from the structural divisions of the SKMA for validation and confirmation reliability of information/data during accreditation.

Then, in accordance with the EEC program, there was a meeting with the rector of SKMA-MD, Professor Rysbekov M. M., then-a meeting with the Vice-rectors: the first Vice - rector for strategic development and innovation-Bapayev Zh. b., Vice-rector for financial activities-Seitzhanova Zh. S., Vice-rector for educational and methodical activities-Anartayeva M. U. and Vice-rector for scientific and clinical activities-Nurmashev B. K. After that, a meeting was held between the EEC and the heads of structural divisions of the SKMA, and the inspection of objects for accredited EP.

In the second half of the day, a meeting was held with the heads of accredited educational programs, heads of departments, and teaching staff (hereinafter referred to as teaching staff) in online mode. The first day ended with a survey of TS (online).

On the second day of the visit (may 26, 2020), the experts visited the graduating departments of educational programs. The following departments were visited due to the quarantine in the clinic the staff of the Department of Emergency medicine and nursing arrived in full force in the main building of the Academy of SKMA: was provided to educate the EP documents, syllabus, reprints of scientific articles, and so on.

When working with the heads of departments and teachers staff of the department EEC have been provided for reference: EP for the specialty 6M110300-"NURSING" / M 141-"NURSING", modular training programs, educational-methodical complexes of disciplines, card security discipline, guidelines for independent work of students, methodological guidelines for laboratory work, lecture complexes, instrumentation, and methodological developments in the conduct of boundary control, training logs, attendance and academic performance, instructional materials (tutorials, textbooks) and guidelines for conducting classes on remote educational technologies.

After lunch, online communication took place with: students, employers, graduates of SKMA. The second day of online survey of students has ended.

Planned visit on the third day of the visit (may 27, 2020.) bases of the practical training took place on the main building of the Academy, Shymkent, Square. Al-Farabi, 1 for quarantine at the clinic meeting with Department staff was held in the library of the Academy, Shymkent. The questions of experts were answered by the head of the Department of emergency medicine and nursing Seidakhmetova Aizat Ashimkhanovna.

The other databases of practical classes of the objects declared in the Program were not visited by the members of the EEC due to the closure of their quarantines (documentary confirmation of the closure of these objects for quarantine was not provided), so it is impossible to form an opinion on the compliance/non-compliance of all the declared databases for industrial practices.

Further, the members of the EEC carried out work on collective agreement and preparation of an oral preliminary review of the results of the visit to the SCMA, as well as elaboration of recommendations based on the results of the visit of an External Expert Commission.

At the final meeting of the EEC with the management of the SKMA, recommendations for improving the activities of educational programs of accredited specialties (cluster 1 and 2), developed by EEC members based on the results of the work carried out, were announced.

72 people took part in the anonymous survey of students, including 23 bachelors in the specialty "pharmacy".

83.3% of all respondents are fully satisfied with their relations with the Dean's office, the level of availability and responsiveness of the University management are fully satisfied-69.4%; level 68.1% of respondents are fully satisfied with the availability of library resources. Lounges for students are not satisfied with 12.5%; the overall quality of educational services 7% of programs are partially unsatisfied; the quality of teaching is partially unsatisfied 4.2%; 2.8% dissatisfied with existing computer classes; available scientific 11.1% dissatisfied with laboratories; with well-structured course content 11.1% partially agree; that PPS provide material in an interesting form 18.1% partially agree; with constant assessment and reflection of the course content partially 9.7% agree that the SKMA provides sufficient opportunities for sports and 16.7% of respondents partially agree with other leisure activities.

48 people took part in an anonymous survey of TS of the SKMA; the majority of respondents are masters-39.6%. Relatively poorly satisfied the content of the educational program - 4.2%; poor accessibility of the manual for teaching staff noted 4.2%; involvement of PPP in management and strategic decision - making as 8.3% of respondents rated the work relatively poor; 10.4% rated it as professional development work teachers were rated as relatively poor. The level of possibility of combining TS teaching with scientific research was rated relatively poorly by 10.4% 16.6% of respondents reported frequent lack of access to the Internet. the lack of technical means in the audience was noted by 12.5% of the teaching staff; the provision of benefits 10.4% of respondents are dissatisfied.

Comfortable conditions were created for the work of the EEC, and the meeting room was equipped with an org. equipment (each expert had a personal computer), the Internet was provided and ability to print documents. Access to structural units was also provided divisions and information resources.

VI. Compliance with the standards of primary specialized accreditation of educational programs.

Standard 1: MISSION AND FINAL TEACHING OUTCOMES.

The evidence part

Mission of the master's degree program 6M110300 "Nursing" / M 141 "Nursing", its mission and goals are developed in accordance with the General strategy of the state and the University, comply with the Charter of the University and determine the main activities of the University. The Commission found that the mission was discussed at meeting of the graduating Department of "Emergency medical care and nursing" with faculty of the Department, undergraduates, Protocol No. 8 of March 27 2019, members of the CPC of the Nursing, minutes of the meeting No. 5 of April 24, 2019, held meetings with chief and senior nurses of health

care institutions in Shymkent, where the mission of the EP was discussed, the protocol of the meeting # 1 dated January 25, 2019.

Mission of the educational program 6M110300/M141 - "Nursing" – training scientific, scientific-pedagogical and management personnel in the educational program "Nursing", who have advanced professional training, are ready adapt to the rapidly changing conditions of the medical industry through continuous increase of competence and development of creative initiative. The main aspect of the stated mission of the educational program is to study practical health care needs in specialists and their effective system professional training. The Academy trains undergraduates in accordance with the order of the Minister education and science of the Republic of Kazakhstan dated October 13, 2018 No. 569, teaches undergraduates in the specialty 6M110300/M141 - "Nursing" according to the state standard of education 2019 years. The educational program implemented in SKMA is regulated by the State the standard of education of the Republic of Kazakhstan, a standard professional curriculum, and meet the following requirements: the stated mission of the University. According to the Concept of development of medical and pharmaceutical education the main trend of improving higher education in the Republic of Kazakhstan is to improving the quality of training of specialists, further implementation of innovative education integrated with intensive research activities, close connection of University research with the needs of the social sphere of the economy, improving educational technologies.

The Academy's organizational structure, decision-making processes and policies are clear and they are consistent with its mission and support the effectiveness of the organization. Management system the Academy engages the participation of all stakeholders, including the health sector, representatives of students and reflects the responsibility of the Academy's management. Academy provides an opportunity for students to actively participate in the work of structural departments that affect the quality of educational programs (Academic Council, EMS, student government).

Freedom in the formation and implementation of EP is achieved through a component of choice, whose disciplines are offered by departments based on certain final competencies, as well as based on the analysis of the current state of sister science. Department independently defines the behavior of classes, uses various pedagogical methods and techniques, develops methodological materials, offers forms of monitoring and evaluation of educational programs achievements. Changes and additions to the content of the EP may be made that discussed at meetings of the Department and the Scientific Council. In addition, the Department independently determines the needs for providing the educational process with the necessary resources and prepares applications for the purchase of office equipment, laboratory equipment, consumables materials, educational literature, and other information resources. Academic freedom of a master's student is achieved through the choice of elective subjects EP, choice of educational trajectory, direction of scientific research, scientific the Manager.

Analytical part

Experts note that the current quality assurance policy of the University reflects the relationship between research, teaching, and learning. Also experts we made sure that at the current stage of activity, the University's management system it is focused on the development of strategic planning, the use of modern methods management, multi-sided internal quality assessment and continuous improvement.

According to standard 1 "Mission and learning outcomes", the Commission noted the following strengths:

1. Defined Mission EP
 2. Active interaction with teaching staff, undergraduates, and key stakeholders in defining and accepting the EP's mission
 3. The creation of the academic freedom in choosing the EP for undergraduates
1. Training specialists in a popular profession based on the needs of the region in medical personnel.
 2. Compliance of the University's activities with the requirements of the quality management system.

The area of improvement is according to standard 1 " Mission and results training" - improvement of analysis in the field of information about the quality of program implementation master's degree, assessment of weaknesses and strengths, based on which the rector's office jointly with the Advisory and Advisory Board, should determine policy and develop strategic development plan. Information on strategic planning should be publicly available on the University's website-improvement of analysis in the field of information about the quality of implementation master's programs, assessment of weaknesses and strengths, based on which the rector's office together with the Advisory Council, it should determine the policy and develop a strategic development plan. Information for strategic planning should be publicly available on the website of the University.

EEC recommendations

1. Further improvement of the University's website to raise awareness of all interested parties in the implementation of the University's mission and educational program.
2. Allocation of additional material resources to improve the website University.

Conclusions of the EEC according to the criteria of St 1:

strong — 10

satisfactory – 7

suggest improvements –

unsatisfactory – no

STANDARD 2: SCIENTIFIC-RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES

The evidence part

Research activities of the University staff are carried out according to the main directions of health care, which is approved at the meetings of the Scientific and clinical Council and Academic Council of the University. The University has the necessary conditions for the implementation of intellectual and creative abilities of undergraduate's educational programs and implementation of training in the state and Russian languages with compliance with state educational standards.

Teaching staff of the graduating Department of EP have publications in cited journals.

Teaching staff and students in the specialty EP 6M110300/M141 - "Nursing" Academies are provided with all the material and technical base necessary for the educational process. Funds are regularly allocated for the purchase and updating of training materials literature and material and technical base (Park of computer technologies and equipment). There is free access to international information networks, to electronic databases, library collections, computer technologies and educational and methodical scientific literature. The University library has sufficient funds for undergraduates and students working in the field of scientific research.

Currently, the Department trains undergraduates EP 6M110300/M141 – "Nursing" is provided with highly qualified teaching staff with a basic education, leading training sessions in the specialty. For the implementation of the master's degree program in accredited specialty the Academy has created a high-tech research resource base. EEK determines the compliance of master's research with the principles of ethics of scientific research and provides recommendations for its improvement.

Analytical part.

In the Academy, the main tasks of master's training are: domestic scientists who are competitive both domestically and internationally on the labor market, the Academy ensures that undergraduates acquire the

necessary knowledge and skills competence based on the study of basic and specialized disciplines, the formation of skills and skills during professional (pedagogical, research) practice and when performing research. Training sessions in the master's program are conducted by persons who have a scientific degree of doctor or candidate of science, doctor of PhD. High professional level teachers, research supervisors, consultants are confirmed by the fact that 100 % of the teaching staff they have a doctor's or candidate's degree, extensive experience in higher education, as well as participation in the implementation of research projects of various types level. It should be noted that many TS involved in the implementation of the EP are consultants of master's theses, have a non-zero h-index (Thomson Reuters, Scopus, Web of Science, Google Scholar, RSCI) The Academy is working to attract external funding in the form of grants MES RK, which contributes to the development of research skills and material support. The Academy, at the expense of grant research projects, performs part of the scientific research.

According to standard 2 «RESEARCH ENVIRONMENT and EDUCATIONAL INSTITUTIONS RESOURCES» the Commission noted the following strengths:

1. Research work of undergraduates of the EP is carried out according to regulatory documents
2. The Department is implementing a grant project of the MES RK " Comprehensive prevention and reducing mortality from major cardiovascular diseases in primary care settings health care, taking into account climate, meteorological and environmental factors region", in the framework of applied research: "life and health Sciences. Reducing the burden socially significant diseases". Duration 3 years (2018-2020). Head organization: Astana Medical University (AMU). In conducting research employees of the Department and undergraduates of the Nursing take an active part.
3. South Kazakhstan medical Academy was a participant of the project in 2015-2018 Erasmus + "Modernizing Health Education in Universities" (ModeHEd)
4. Teaching staff who are actively involved in scientific activities and have publications in indexed journals receive financial remuneration from the University.

Area of improvement for standard 2 " RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES " is-improving the information system, quality communications, information portals used by the University for uninterrupted access undergraduates, faculty and students to library and other resources used in the research activities. In order to improve the efficiency of teaching staff and Undergraduates organize a «publication support Center»

Conclusions of the EEC according to the standard 2 criteria:

strong — 26

satisfactory – 7

suggest improvements –

unsatisfactory – no

STANDARD 3: ADMISSION POLICY AND CRITERIA

The evidence part

At the Academy, admission to EP 6M110300/M141 - "Nursing" is carried out in accordance with the Order of the Minister of education and science of the Republic of Kazakhstan dated June 14, 2019 year No. 269 on amendments to the order of the Minister of education and science of the Republic Kazakhstan dated October 31, 2018 No. 600 " on approval of the Standard rules for admission to training in educational

organizations that implement educational programs of higher and postgraduate education": based on the results of comprehensive testing. Also in the Rules the policy of admission and selection of applicants has been defined and implemented, and described enrollment technology, the work of the admissions Committee.

The formation of the contingent of students is formed based on the Order of MES RK № 606 31 October 2018 On approval of the average of the ratio of students to teachers to calculate the total number of the teaching staff.

Admission of undergraduates is carried out through the placement of state educational order for training in scientific-pedagogical and profile in the following directions, as well as payment for training at the expense of students ' own funds and other sources.

Analytical part

The Academy conducts career guidance work in order to attract undergraduates to EP. Undergraduates of the EP "Nursing" can continue the trajectory of education in the MUA, where implemented the program "Nursing " doctorate, for successful training of graduates EP "Nursing" provides pre-doctoral studies, thus undergraduates have educational growth prospects.

According to standard 3: "ADMISSION POLICY and CRITERIA", the Commission noted the following strengths:

Admission is carried out in accordance with the established regulatory documents University and orders of the MES RK

Area of improvement for standard 3 "ADMISSION POLICY and CRITERIA" is active career guidance

Conclusions of the EEC according to the criteria of article 3:

strong — 3

satisfactory – 3

suggest improvements – no

unsatisfactory – no

STANDARD 4: MASTER'S PROGRAM

The evidence part

SKMA implements an educational program in the specialty 6M110300/M141 - "Nursing", defining the goals, content and organization educational process taking into account the list of specializations of professional training and it is a set of normative documents developed on the basis of the SCES Standard programs of disciplines, instructional letters approved by the Ministry of education and science of the Republic of Kazakhstan.

Training in the master's degree in the specialty – "Nursing" it is carried out in the scientific and pedagogical direction. Educational model in the program the master's program is integrated with the bachelor's program in the following specialties "Nursing" and is performed by a master's student on an individually selected trajectory.

At the Academy, the master's program implements a competence-oriented model of medical education, through a set of established state orders basic skills and professional skills-competencies. Educational model in the master's program is integrated with the bachelor's program in specialties "Nursing".

Responsibility of the administration and teaching staff in the preparation of the educational program it is provided through the procedure of review and approval of these programs: meeting of the academic

Council of the Academy. The training of undergraduates in this specialty is mainly carried out on departments of the Academy.

EP in the specialty 6M110300/M141 - "Nursing" guarantees the implementation of research work, which is issued in the master's thesis. At The Academy execution of original research of a student provided by his participation in R & d departments or University, funded by the MES, the University grants.

The developed elective disciplines complement and deepen the formed ones competencies.

The Academy provides undergraduates with scientific guidance that is necessary for effective implementation of the goals and objectives of the master's program in the specialty "Nursing."

The program of the scientific and pedagogical master's program of the Nursing is limited to a period of 2 academic years, with a full-time job. The academic year in the master's program consists of 2 academic periods' semesters, lasting 15 weeks, the period of intermediate certification/final control, practice, final certification and vacation. The master's degree program is carried out full-time only.

Accounting for the complexity of educational work is carried out by the volume of mastered material and measured in credits. At the same time, there is a cumulative credit system that takes into account credits earned at previous levels of education.

The purpose of pedagogical practice is to consolidate and deepen the theoretical training of a master's student and their acquisition of practical skills and competencies in the field of teaching activities.

The Academy systematically collects and analyzes information about the implementation of EP and conducts self-assessment in all areas. Feedback is carried out by the survey of undergraduates.

Analytical part

The Academy has implemented the main principles of the Bologna Declaration: transition to a three-level model of training specialists, introduced credit technology training and credit transfer system based on the European credit transfer system (ECTS).

According to standard 4 "Educational program", the Commission noted the following strengths:

1. An educational program based on competence – based focused learning.
2. The ability to choose an individual learning path within the current SCES due to hours of elective disciplines.
3. Introduction of a modular educational program with the integration of disciplines.
4. Employment Rate of undergraduates (100%) who graduated from the University directly indicates the quality and effectiveness of the Nursing EP.

The area of improvement for standard 4 "Educational program" is strengthening feedback from all stakeholders, especially employers, students to improve the educational process in the departments, with analytical results and specific approaches for improvement.

EEC recommendations:

Get feedback from employers on the evaluation of the educational program, review the educational program taking into account the proposals of representatives of the practical health care.

Conclusions of the EEC according to the criteria of article 4:

strong — 17

satisfactory – 8

suggest improvements – no

unsatisfactory – no

STANDARD 5. SCIENTIFIC GUIDANCE

The evidence part

When selecting research supervisors for undergraduates in EP, the Academy is guided by order of the Minister of education and science of the Republic of Kazakhstan dated October 30, 2018 No. 595 About the approval of Standard rules of activity of educational organizations corresponding types. Topics of dissertations, scientific supervisors and consultants of master's students of the OP during the first two months after enrollment are considered at meetings of specialized departments, Scientific Council under the guidance of the Vice-rector for scientific and clinical work and approved by the Academic Council of the Academy. The result of these statements is the corresponding order the rector of the Academy. Dissertation topics are focused on priority areas for dissertation research developed in accordance with the goals and objectives State program for the development of health care "Densaulyk" for 2016-2020 and scientific directions of the profile departments.

Undergraduates of EP Nursing are sent to the Department of "Emergency medical care and nursing" after entering the master's program. The master's student has the right to choose the scientific supervisor and the topic of the dissertation, after the appointment of the head, the base is determined conducting research.

All scientific supervisors of undergraduates have scientific degrees of candidates of medical Sciences scientists are actively engaged in scientific research in the corresponding topic of the dissertation the direction of science. There are no specialists with an academic degree in the field of Nursing in Kazakhstan, since the doctoral program in this specialty will open in 2021.

Teaching staff who lead classes in EP disciplines and / or are scientific supervisors master's theses, actively perform at foreign conferences with oral and poster presentations. We made presentations at international conferences in Astana, Almaty, and Bukhara, Tashkent, including of Nursing.

Participated in the international Erasmus+ ModeHed program In its activities, supervisors are guided by applicable legislative acts of the RK about science, by Order of the Minister of education and science of the Republic of Kazakhstan dated October 31, 2018 No. 604 on approval of state mandatory standards of education at all levels of education, by Order of the Minister of education and science of the Republic of Kazakhstan dated October 30, 2018 No. 595 on approval of the Standard rules activities of educational organizations of appropriate types, Regulations on master's degree and PhD doctorate»

Analytical part

The duties and rights of the scientific supervisor are defined.

Undergraduates are assisted in determining the topic and plan of the dissertation research for further approval by the academic Council of the Academy. Together with the student developed an Individual plan of a student (IPS), systematically conducted consultations on research and systematic (not less than two times per academic year) to assess the performance of research work of a student. Timely and high-quality execution of the master's degree is provided research work and submission of research reports. Assistance is provided in the preparation and publication of research results in scientific journals, participation in international conferences for the purpose of presenting research results;

Standard No. 5 of "Scientific management" the Board noted the following strengths parties:

1. University EP Nursing is the regulatory process discussion and approval of the candidacy of supervisor and research topic undergraduates, according to SES 2019.
2. Research supervisors hold regular consultations with their undergraduates.
3. The master's Student has an individual work plan.

Conclusions of the EEC according to the criteria of St 5:

strong — 6

satisfactory – no

suggest improvements – no

unsatisfactory – no

STANDARD 6: DISSERTATION

The evidence part

Within two months after enrollment each student to guide master's thesis (project) is assigned a supervisor from among the candidates or doctors, or PhDs, or qualified relevant industries having work experience at least 5 years the research supervisor and the subject of the master's research are approved by the decision of the scientist Academy Council. A mandatory component of the master's program is scientific-research work, including the implementation of a master's thesis for scientific and technical pedagogical master's degree or experimental research work, including implementation of a master's project for a specialized master's program.

Defense of a master's thesis and passing a comprehensive state exam they take place publicly at a meeting of the State attestation Commission.

Master's thesis is a scientific work that has unity internal structure, detailed and scientifically based author's argumentation, as well as the logic of the presentation, aimed at revealing the purpose and purpose of the research.

Structural correlation of the theoretical, analytical and recommendation parts the master's thesis should be approximately equal (each section should be assigned from 25 to 35% of the total volume of the master's thesis). The most common the omission is preponderance in the volume (number of pages) of the theoretical section.

Master's theses at the University must be checked for plagiarism.

Requirements for the content and design of a master's thesis, their preparation and they are determined by the Rules for the organization, registration of the master's thesis, their training and protection. Master's thesis must be checked for the following plagiarism, the rules and procedure for which are defined by the anti-plagiarism Regulations. The defense of a master's thesis includes the preparation of a master's thesis, its registration and protection procedure.

A master's student who has not completed the research component is provided with ability to re-master research component credits and protect dissertation in the next academic year on a paid basis.

According to the Order of the Minister of education and science of the Republic of Kazakhstan dated October 31 2018 No. 604 on approval of state compulsory education standards at all levels of education the main results of the master's thesis are not presented less than one publication and (or) one presentation at a scientific and practical conference conferences.

Publications of undergraduates are reflected in the list of scientific papers (Form 3.3). Abstracts of conferences, symposiums, meetings, etc. can be equated to publications. analytical reviews, information sheets with a volume of at least 0.3 PP. 1. and pre-patents (patents).

Analytical part

Dissertation topics are determined taking into account the current situation in the South Kazakhstan region, since the HEI is a regional one. Research is conducted in order to study issues of Nursing and improvement of training not only in the master's program, but also in the undergraduate and postgraduate level.

Strengths of Standard 6 "Dissertation"

All standard procedures and preparation processes are prescribed and followed student's dissertation and its defense.

Conclusions of the EEC according to the criteria of article 6:

strong — 11

satisfactory – no

suggest improvements – no

unsatisfactory – no

STANDARD 7: EVALUATION OF DISSERTATIONS

Evidentiary part

The Academy defines principles and methods for assessing undergraduates, including criteria for evaluating scientific work

All forms of the minutes of the SAC meeting are numbered and sealed by the Academy with separate books for each form of final certification of students before the start of the SAC.

The quantitative composition of the SAC is determined and approved by order of the rector no later than December 31 and is valid for a calendar year.

The quantitative composition of the SAC is determined and approved by order of the rector no later than December 31 and is valid for a calendar year.

Decisions on assessments of the defense of master's thesis, as well as on awarding an academic degree and issuing a diploma of the state type are accepted by the SAC at a closed meeting by a simple majority of the votes of the members of the commission participating in the meeting. If the votes are equal, the Chairperson shall be entitled to an additional vote.

Analytical part

After the SAC is completed, all protocols are transferred to the Academy archive for storage in the prescribed manner. Based on the results of the defense of the dissertation, a decision is made on the assignment of an academic master's degree.

Decisions on assessments of the defense of master's thesis, as well as on awarding an academic degree and issuing a state diploma are made by the SAC at a closed meeting by a simple majority of the votes of the commission members participating in the meeting. If the votes are equal, the Chairperson shall be entitled to an additional vote.

Strengths of Standard No. 7 "Assessment of dissertation works"

All procedures according to the standard, evaluation processes and the dissertation defense algorithm are prescribed and followed.

Conclusions of the EEC on the criteria of Article 7:

strong — 7

satisfactory – not

suggest improvements – not

unsatisfactory – not

STANDARD 8: MANAGEMENT AND ADMINISTRATION

Evidentiary part

According to structure, the main structural subdivisions involved in the direct implementation of the EP of the magistracy are specialized departments and the department of postgraduate education. For the effective functioning of all structures, relevant Regulations have been developed that determine the interaction of various units, including on the implementation of the EP.

By the organizational unit responsible for EP 6M110300/M141 – "Nursing" is PED department. Functions of PED are specified in the Regulation on the unit.

Department PED also interacts with other external (Ministries and Departments of Kazakhstan) and internal divisions of the Academy (Academic Council, Scientific and Clinical Council, Methodological Council, Rector, Library Council, Registrar's Office, Teaching and Methodological Center, Library and Information Center (LIC), Computer Test, Publishing Center (CTPC), Scientific and Clinical Department, Department of Evidence-based Medicine, planning and economic department, accounting, administrative and economic department, quality management system, legal support department, departments and others).

All decisions made at the level of administration, Scientific and clinical council, the Academic council of Academy (orders, Orders, decisions) is brought to the attention of the interested divisions in the form of mailings on corporate mail, the most important documents are brought to the attention of the interested persons responsible and performers that is fixed in sheets of acquaintance.

The Academy introduced corporate governance, based on the principles of collegiality and openness of decisions, separation of management bodies and their responsibility, financial transparency. The activities of the Academy are led by the Board of Directors.

The work of the Academy units involved in the implementation of the EP 6M110300/M141 -

"Nursing" is also regularly evaluated by the leadership of the Academy. The list of the main tasks of the rector of the Academy, according to the regulation on the rector <http://ukma.kz/ru/structure.html> includes: monitoring and coordination of the organization of the educational process, work is being carried out to improve the pedagogical process, to introduce new educational innovative technologies, organizational issues.

To systematically assess the competence of teachers, the administration of the Academy carries out certification of TS, in accordance with the rules of the Ministry of Education and Science of the Republic of Kazakhstan on certification of university teachers. Based on the results obtained, the Academy draws conclusions on the compliance of the teacher with the position, makes recommendations for further improvement of professional development.

A rating assessment of TS activities is also carried out - separately among department heads, professors, associate professors, senior teachers, teachers

Resources for the implementation of EP 6M110300/M141 - "Nursing" comply with the standards for calculating the cost of training of one student in higher educational institutions of the Republic of Kazakhstan by state educational order. Appendix 8. Financing of master's degree programs is carried out in accordance with normative documentation (Order No. 374 of 7 August 2009 of the Minister of Education and Science on the approval of financial standards for higher and postgraduate education).

The sources of financing are budget and extra budgetary financing (state educational order, income from the provision of paid educational services, the performance of research and other works that do not contradict the law, international funds, organizations, grants, etc.).

The expenditure part of the Academy's budget is formed on the basis of a consolidated calculation of the need for staff of faculty, teaching and support, administrative, management and maintenance personnel, consolidated applications of departments and structural divisions for additional need in the states, and the equipment and materials for the educational process in the classrooms. Expenditure is based on the actual level of expenditure achieved in the previous period, taking into account the annual consumer price index and planned salary increases for staff.

In order to ensure the introduction of the educational program and related activities, as well as to guarantee the proper management and distribution of resources, the Academy has an appropriate administrative and academic staff. The staff of the Academy is regulated by the Law of the Republic of Kazakhstan "On Education," chapter 7 "Status of a pedagogical worker, article 52, by order of the Ministry of Education of the Republic of Kazakhstan No. 374 of August 7, 2009" On approval of financial standards for higher and postgraduate education "and the needs of the Academy for the implementation of the mission and strategic direction.

Analytical part

The educational program is being implemented at the Department of Emergency Medical Care and Nursing, the head of the department - Seidakhmetova Aizat Ashimkhanovna.

The staff of the producing department providing EP meets regulatory requirements. The number of TS involved in the training of undergraduates at the department is only 8 people, of which all 8 are full-time employees of the university. The stability (availability of the degree of doctor, candidate of sciences, PhD doctor) of full-time employees is 100%.

The regulatory framework ensuring compliance of the quality management system with the requirements of international standards, fundamental concepts and criteria of the Model of Excellence are the documents of the management system (MS) of the Academy developed by the quality management department and working groups. There is a clear hierarchy in the MS documentation structure in accordance with ISO MC 9001:2015.

The Academy, in order to ensure the need of society for qualified specialists, on the basis of contracts, agreements and memorandums of cooperation, interacts with the health sector, employing 100% of graduates of the EP Magistracy "Nursing."

According to standard №8

The Management and Administration Commission noted the following strengths:

Close interaction with the health sector, the quality of the EP can be served by 100% employment of graduates.

1. The organizational unit responsible for the implementation of the EP has been defined.

Improvement Area under Standard No. 8 «Management and Administration» is the optimization of department management « postgraduate education ». Since the head carries out the supervision of the EP of magistracy and residency, which is labor-intensive, we recommend strengthening the staff of the department with a methodologist with a medical education.

Recommendations

1. In order to ensure uninterrupted access to information systems and efficient development of information technology, improve the operation of IT communications..
2. Strengthen the personnel of the air defense department with a methodologist with a medical education.
3. Refine the site in terms of improving routing and finding the right information, both for students, employees and the public and key stakeholders Review the system of financing scientific and practical internships in far abroad in order to expand the research work of the EP and the introduction of foreign experience.

Conclusions of the EEC on the criteria of art. 8:

strong — not

satisfactory – 17

suggest improvements – 4

unsatisfactory – not

STANDARD 9. CONSTANT UPDATING

Evidentiary part

The Academy plans and applies processes of continuous monitoring, evaluation, analysis and improvement of educational services taking into account the objectives of national legislation, requirements and expectations of stakeholders, contributing to the development of high-quality education based on competencies and final results of training. EP of the Nursing is re-accredited after the 2015. The process of continuous renewal is based on the introduction of new methods of training, information technology, the development of evaluation criteria, increased academic mobility, and increased efficiency and transparency in decision-making.

The results of the analysis carried out on the quality of the EP analysis are heard at the meetings of the Academic Council, the rectorate and are the basis for measuring and improving the effectiveness of activities in the training of undergraduates.

Analytical part

Revision of a mission and the end results of the educational program are carried out with respect for the principle of transparency, with participation of all parties involved in process: research and educational personnel, undergraduates, administrative structures at the level of department, department, Academy.

Every year, in all divisions of the Academy, internal and external audits are carried out to determine the degree of compliance with QMS requirements; evaluations of efficiency, functionality and identification of opportunities for improving quality are being carried out, proposals are being developed to improve and introduce new methods for assessing knowledge, achievements and competencies.

Strengths of Standard 9 Continuous Improvement

The Academy plans and applies processes of continuous monitoring, evaluation, analysis and improvement of educational services taking into account the objectives of national legislation, requirements and expectations of stakeholders, contributing to the development of high-quality education based on competencies and final results of training.

The area of improvement under the standard 9 "Constant improvement" is the implementation of scientific and practical internships in far abroad for undergraduates and TS.

II. OVERVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD

Under Standard 1, Mission and Learning Outcomes, the Commission noted the following strengths:

1. EP Mission defined
2. Active interaction with TS, undergraduates, major stakeholders to define and accept the EP mission
3. Creating academic freedom in choosing an EP for a graduate student
5. Training of specialists of the required profession based on the need of the region for medical personnel.
6. Compliance of the university activity with the requirements of the quality management system.

*By Standard 2 **SCIENTIFIC-RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES** The Commission noted the following strengths:*

1. Research work of EP undergraduates is carried out according to regulatory documents
2. The department is carrying out a grant project of the Ministry of Education and Science of the Republic of Kazakhstan "Comprehensive prevention and reduction of mortality from major cardiovascular diseases in the conditions of primary health care, taking into account climatic, meteorological and environmental factors of the region," as part of an applied study: "Life and health sciences. Reducing the burden of socially significant diseases. «Duration of 3 year (2018-2020). Head organization: Medical University of Astana (MUA). In conducting research, employees of the department and undergraduates of the Nursing take an active part.
3. South Kazakhstan Medical Academy in 2015-2018 was a member of the Erasmus + project "Modernizing Health Education in Universities" (ModeHEd)
4. TS actively participating in scientific activities, having publications in indexed journals receive material remuneration from the university.

*By Standard 3: **ADMISSION POLICY AND CRITERIA** the commission noted the following strengths:*

Admission is carried out in accordance with established regulatory documents of the university and orders of the Ministry of Education and Science of Kazakhstan

*By Standard 4 **MASTER'S PROGRAM** commission noted the following strengths:*

1. An educational program based on competently oriented training has been developed.
2. The possibility of choosing an individual learning trajectory within the framework of the SCES at the expense of hours of elective disciplines.
3. Introduction of a modular educational program with the integration of disciplines.
4. The employment rate of undergraduates (100%) who graduated from university directly indicates the quality and effectiveness of the Nursing EP.

According to Standard No. 5 SCIENTIFIC GUIDANCE commission noted the following strengths:

1. The university within the framework of the EP Nursing has a regulatory process for discussing and approving the candidacy of a supervisor and the topic of undergraduate research, according to the 2019 SCES.
2. Academic supervisors conduct regular consultations with their undergraduates
3. Undergraduate has an individual work plan.

Strengths of Standard No. 6 Dissertation

All procedures according to the standard, the processes of preparing a student dissertation and its defense are prescribed and observed.

Strengths of Standard No. 7 « Evaluation of dissertations »

All procedures according to the standard, evaluation processes and the dissertation defense algorithm are prescribed and followed.

Strengths of Standard No. 8 «Management and Administration», the commission noted the following strengths:

1. Close interaction with the health sector, the quality of the EP can be served by 100% employment of graduates.
2. The organizational unit responsible for the implementation of the EP has been defined.

III. REVIEW OF RECOMMENDATIONS FOR IMPROVING THE QUALITY OF EACH STANDARD

By Standard 1 « MISSION AND FINAL TEACHING OUTCOMES »

1. Further improvement of the site of the university to increase awareness of all interested parties in the implementation of the mission of the university and the educational program.
2. Allocate additional material resources to improve the university's website.

By Standard 4 « MASTER'S PROGRAM »

Get feedback from employers on the assessment of the educational program; revise the educational program taking into account the proposals of representatives of practical health care.

According to Standard No. 8 «Management and Administration»

1. In order to ensure uninterrupted access to information systems and efficient development of information technology, improve the operation of IT communications.
2. Strengthen the personnel of the air defense department with a methodologist with a medical education.
3. Refine the site in terms of improving routing and finding the right information, both for students, employees and the public and key stakeholders.
4. Review the system of financing scientific and practical internships in far abroad in order to expand the research work of the EP and the introduction of foreign experience.

III. REVIEW OF DEVELOPMENT RECOMMENDATIONS JSC SKMA

1. Further improvement of the site of the university to increase awareness of all interested parties in the implementation of the mission of the university and the educational program.
2. Allocate additional material resources to improve the university's website.
3. In order to improve the efficiency and effectiveness of TS and the Masters, organize a "Publication Support Center"
4. Get feedback from employers on the assessment of the educational program, revise the educational program taking into account the proposals of representatives of practical health care.
5. In order to ensure uninterrupted access to information systems and efficient development of information technology, improve the operation of IT communications.
6. Strengthen the personnel of the air defense department with a methodologist with a medical education.
7. Refine the site in terms of improving routing and finding the right information, both for students, employees and the public and key stakeholders.
8. Review the system of financing scientific and practical internships in far abroad in order to expand the research work of the EP and the introduction of foreign experience.

№	CRITERIA FOR EVALUATION	Strong	Satisfactory	Suggests improvement	Unsatisfactory
MISSION AND LEARNING OUTCOMES					
1.1	Definition of the mission of the educational program	+			
1.1.1	Medical education organization must define its <i>mission</i> of the educational program and communicate to stakeholders and the health sector	+			
1.1.2	Medical education organization must ensure that the main stakeholders are involved in the development (formulation) of the mission of the educational program	+			
1.1.3	The mission statement of an educational program must contain the objectives and educational strategy of the program to prepare a competent researcher at the postgraduate medical / pharmaceutical education level.	+			
1.1.4	The medical education organization must ensure that the declared mission of the educational program includes public health problems, the needs of the medical and pharmaceutical care system and other aspects of social responsibility.	+			
1.1.5	Medical education organization must ensure that the mission of the educational program is consistent with the mission of the organization and allow the preparation of a competent researcher at the level of postgraduate medical education. +	+			
1.1.6	A medical educational institution must have a strategic plan for the development of an educational program that corresponds to the stated mission of a medical educational institution, including issues of improving the quality of master's programs and approved by the advisory board of a medical educational institution. +		+		
1.1.7	Medical education institution should systematically collect, accumulate and analyze information on the quality of the implementation of Master's programs; conduct an assessment of strengths and weaknesses, on the basis of which the rectorate (pro-rectorate), together with the advisory board, should determine policy and develop strategic and tactical plans +		+		
1.8	Mission and objectives of the educational program: - must correspond to the available resources, opportunities and market requirements; - ways to support them should be identified.	+			
1.1.9	9 The medical education organization must provide access to information about the mission, the goals of		+		

	the medical education organization for the public (availability of information in the media, on the university website).				
1.1.10	The mission of the educational program, as well as the mission and goals of the medical education organization, must be approved by the advisory board	+			
1.2	Institutional autonomy and academic freedom				
1.2.1	The organization that implements master's degree programs should have institutional autonomy for the development and implementation of policies, for which the faculty and administration are responsible, especially with regard to: - the development of the study program; - the use of the allocated resources necessary for the implementation of the educational program.	+			
	The medical education organization should guarantee academic freedom to its employees and undergraduates:				
1.2.2	- in relation to the current educational program, in which it will be allowed to rely on different points of view in the description and analysis of issues in medicine and pharmacy;	+			
1.2.3	- in the possibility of using the results of new research to improve the study of specific disciplines / issues without expanding the educational program.		+		
1.3	Learning outcomes				
1.3.1	The medical education organization must determine the expected learning outcomes that undergraduates must exhibit after completing the master's program.		+		
1.3.2	Study in master's degree with the award of an academic master's degree should provide master's students with the competencies that will enable them to become a qualified educator and / or researcher in accordance with the principles of best research practice.		+		
1.3.3	Completion of the master's program should have a potential benefit for those who continue their careers outside the medical organization and apply their competencies formed during the master's program, including critical analysis, assessment and solution of complex problems, ability to transfer new technologies and the synthesis of new ideas.		+		
1.3.4	The medical education organization should ensure that the regular (at least once a year) process of renewal and restructuring leads to the modification of the final learning outcomes of graduates in accordance with the responsibilities that are assigned to graduates after graduation from the master's program.		+		
	Total	10	7		

2	Standard "RESEARCH ENVIRONMENT AND EDUCATIONAL RESOURCES"				
2.1	Research environment				
2.1.1	The success of individual master's programs must be ensured by the organization of a strong and effective research environment.		+		
	The quality of the research environment should be assessed by analyzing:				
2.1.2	publications of research results (number of publications, impact factor, etc.) on the profile of a master's degree in a medical educational institution;		+		
2.1.3	the level of attracting external funding for scientific research in a medical educational organization;	+			
2.1.4	the number of qualified and competent teachers, researchers in a group, faculty, educational institution;		+		
2.1.5	National and international cooperation with research groups of medical organizations, universities, research centers.	+			
2.1.6	Research must be conducted in accordance with international ethical standards and approved by appropriate and competent ethics committees.	+			
2.1.7	In order to provide access to the funds necessary for writing a thesis, master's programs may include training in other laboratories, preferably in another country, thereby ensuring internationalization	+			
2.1.8	The implementation of the master's program should take place in the context of joint planning of training and conducting research and joint responsibility of the scientific advisor and the master's student for the final results.	+			
2.1.9	Medical education organization should be studied + thirty the possibility of providing joint graduate programs with degrees from both universities and joint leadership to support cooperation between higher education institutions		+		
2.1.10	The medical education organization should ensure that the process of updating educational resources is carried out in accordance with changing needs, such as the recruitment of undergraduates, the number and profile of academic staff, and the graduate program.	+			
2.1.11	The medical education organization should: - provide sufficient autonomy in the allocation of resources, including decent remuneration for teachers in order to achieve the final learning outcomes, determined by the relevant indicators;	+			
2.1.12	when allocating resources, take into account: a) scientific achievements in the field of medicine; b) problems of public health and its needs+	+			
2.1.13	When provide sufficient autonomy in the allocation of resources, including decent remuneration of	+			

	teachers in order to achieve the final learning outcomes;				
2.1.14	When allocating resources, take into account scientific achievements in the field of medicine and public health problems and their needs.				
	TOTAL: 14	8	4	2	
2.2	Material and technical base				
	The medical education organization must have the material and technical support that meets the licensing indicators, which include the criteria:				
2.2.1.	classrooms, laboratories and their equipment should be modern and adequate to the goals and objectives of the master's program;	+			
2.2.2	undergraduates must be provided with conditions for the implementation of independent educational and research work;	+			
2.2.3	updating and improving the material and technical base should be carried out regularly	+			
2.2.4	Medical education institution must have sufficient resources for the proper implementation of the master's program. The resources of the organization should provide: - admission of undergraduates, organization of training in the master's program, - the implementation of the dissertation work, scientific leadership, - counseling of undergraduates, - consideration, review and evaluation of the dissertation, - awarding an academic master's degree, - operating costs, - costs of participation in training courses, in international scientific conferences, - tuition fees for master's degree in institutions where it is practiced. Resources also include an undergraduate scholarship, however fees may vary	+			
2.2.5	Resource policy should be aimed at maintaining and ensuring the continuous professional growth of teachers in the master's program.		+		
2.2.6	Medical education organization must provide a safe environment for employees, undergraduates and those who ensure the implementation of the program, including providing the necessary information and protection from harmful substances, microorganisms, compliance with safety rules in the laboratory and when using equipment.		+		
2.2.7	The medical education organization must have a service and support service for future undergraduates, including a receptionist office, research centers and laboratories, a canteen, a canteen, a medical center, sports grounds and gyms.	+			

2.2.8	The medical education organization has approved procedures to improve the learning environment for undergraduates through regular updating, expanding and strengthening the material and technical base, which must correspond to the development in teaching practice.	+			
	TOTAL: 8	8			
2.3	Information technology				
2.3.1	Medical education institution must have information support corresponding to the goals and objectives of the master's program.		+		
2.3.2	The library should contain the materials necessary for training - educational, technical, scientific and reference literature, various periodicals of medical publications, etc.	+			
2.3.3	Master students must have timely and free access to library resources.	+			
2.3.4	The library should have the basic technical equipment to support day-to-day operations: fax machines, photocopiers, computers, printers available for public use, and a telephone with voice mail or answering machine.	+			
2.3.5	The library should have an information website. The website may contain the following elements: links, interlibrary exchange forms, full-text electronic journal articles, and a feedback form.	+			
2.3.6	Medical education organization should regularly monitor library resources, study and implement strategies to meet the current and future needs of undergraduates.	+			
2.3.7	In the use of undergraduates must be computer classes and terminals with access to information resources (local area network, Internet).	+			
2.3.8.	In a medical education institution, control over the availability and adequate use of information resources by undergraduates should be carried out.	+			
2.3.9	The medical education organization should constantly update, improve and expand the base of information resources with the provision of access for undergraduates to modern electronic databases, including foreign databases (Thomson Reuters (Web of Science, Thomson Reuters), Scopus, Pubmed, Elsevier, etc.).	+			
2.3.10	The medical education organization must open and constantly update on its website a section dedicated to master's programs, containing the following information: - structure and staff of the master's department, responsibilities of the head and employees of the department;	+			

	<ul style="list-style-type: none"> - admission policy, including clear rules on the selection process for undergraduates; - list of master's programs; - structure, duration and content of master's programs; - criteria for the appointment of a supervisor outlining the characteristics, responsibilities and qualifications of the supervisor; - methods used to assess undergraduates; - criteria for the design and writing of a thesis; Description of the work of the State Attestation Commission for the defense of master's theses; - program for quality assurance and regular evaluation of the master's program; - information about undergraduates taking into account the year of study; - information about the employment of graduates of the magistracy for the last 3 years, taking into account the direction of study (scientific and pedagogical, profile). 				
	Total	26	7		
3	Standard "POLICY AND ADMISSION CRITERIA"				
3.1	The medical education institution must determine and implement an admission policy, including a clearly established provision on the selection process for undergraduates.	+			
3.2	Applicants for the Master's program must master the professional study programs of higher education	+			
3.3	In the selection of future undergraduates, the research potential of the applicant should be assessed, and not simply take into account his academic performance.		+		
3.4	In a medical education organization, there should be a system for studying employment, demand, career support and continuous professional development of graduates.	+			
3.5	The data obtained using this system should be used to further improve educational programs.		+		
3.6	The medical education organization should ensure that the process of updating and restructuring the master's degree program leads to an adaptation of the admission policy for master's students, taking into account changing expectations and circumstances, human resource needs, changes in the postgraduate education system and the needs of the program.		+		
	TOTAL: 6	3	3		
4	Standard "MASTER'S PROGRAM"				
4.1	Curriculum model, teaching methods and structure				

4.1.1	The medical education organization must determine the model of the educational program, including an integrated model based on interdisciplinary communication and a competence-based approach, using modular learning technologies, taking into account the final learning outcomes.		+		
4.1.2	The medical education organization must determine the goal and objectives of the master's program, which are aimed at achieving the mission of the educational organization, the mission of the educational program and the final learning outcomes.	+			
4.1.3	The medical education organization must ensure that the content of the educational program meets the requirements of the State Educational Standard and the standard curriculum of the relevant specialty and is developed taking into account the needs of the labor market	+			
4.1.5	The master's program should be based on performing original research that requires analytical and critical thinking and should be carried out under scientific guidance.	+			
4.1.6	Medical education institution must ensure that the educational program is implemented in accordance with the principles of equality.	+			
4.1.7	The medical education organization must ensure that the undergraduate fulfills obligations in relation to doctors, teachers, colleagues, patients and their relatives in accordance with the Code of Conduct / Code of Honor.	+			
4.1.8	The master's program must ensure that master's students are taught the rules of ethics and responsible conduct of scientific research.	+			
4.1.9	The medical education organization must determine the teaching and learning methods used that correspond to the educational program and the achievement of students' competencies.	+			
4.1.10	The Master's program should be structured with a clear time limit, equivalent to 1-2 years full-time and contain: <ul style="list-style-type: none"> - theoretical training, including the study of cycles of basic and major disciplines; - practical training of undergraduates - various types of practices, professional internships; - research work, including the implementation of a master's thesis for a scientific and pedagogical magistracy; - experimental research work, including the implementation of a master's thesis for a specialized master's degree; - methodological approaches and teaching principles that correspond to the educational 	+			

	program and the achievement of the competencies of students				
4.1.11	The medical education organization should provide for the mechanisms for the implementation of pedagogical practice (in accordance with the type of magistracy) for the formation of practical skills and teaching methods among undergraduates.	+			
4.1.12	The medical education institution should provide mechanisms for the implementation of research practice to form undergraduates' knowledge, skills, competencies in the field of the latest theoretical, methodological and technological achievements of domestic and foreign science, modern methods of scientific research, processing and interpretation of experimental data	+			
4.1.13	Medical education organization must to provide mechanisms for the implementation of industrial practice for the formation of undergraduates on the basis of theoretical knowledge of practical skills, competencies and experience of professional activity in the trained specialty, as well as the development of advanced experience	+			
4.1.14	The medical education organization must ensure that future undergraduates will have the opportunity to study under the academic mobility program, have mechanisms / procedures for admitting students from other universities, recognition of loans mastered under the academic mobility program		+		
4.1.15	An appeal mechanism should be developed in the medical education organization, allowing undergraduates to review the decision regarding their programs and the assessment of their dissertations.	+			
4.2	Assessment of the master's program				
4.2.1	The medical education organization must have a program for monitoring processes and results, including the routine collection of data on key aspects of the educational program. The purpose of monitoring is to ensure the quality of the educational process, to identify areas requiring intervention.	+			
4.2.2	The medical education organization should , on the basis of approved mechanisms, regularly assess the quality of the program, including feedback from scientific advisers, employers and undergraduates.		+		
4.2.3	The medical education organization must , on the basis of approved mechanisms, systematically collect, analyze and provide teachers and undergraduates with feedback, which includes information about the process and products of the educational program, including information about unfair practices or inappropriate behavior of teachers or undergraduates.		+		

	The medical education organization should ensure that the process of renewal and restructuring is carried out regularly and is aimed at:				
4.2.4	- adapting the curriculum model and teaching methodologies to ensure that they are appropriate and appropriate;		+		
4.2.5	- adjusting the elements of the program and their relationship in accordance with advances in medical sciences, with changes in the demographic situation and the state of health / morbidity structure of the population and socio-economic, cultural conditions.		+		
4.3	Stakeholder involvement				
4.3.1	The medical education organization should involve a teacher in its monitoring program and activities for evaluating the educational program.	+			
4.3.2	The medical education organization should involve the teaching staff and undergraduates, its administration and management in its monitoring program and activities for evaluating the educational program.	+			
4.3.3	The medical education organization should involve other stakeholders in the assessment process, including representatives of academic and administrative staff, representatives of the public, authorized bodies for education and health, professional organizations, as well as develop mechanisms to encourage the participation of external experts in evaluating the educational program.		+		
4.3.4	The medical education institution should provide access to the results of the evaluation of the educational program to all interested parties.		+		
4.3.5	Medical education organization should ensure that the process of updating and restructuring leads to an improvement in the monitoring and evaluation of the program in accordance with changes in the final learning outcomes and teaching and learning methods.		+		
	Total	17	8		
5	Standard "SCIENTIFIC GUIDANCE"				
5.1	The medical education organization must define a scientific advisor for each undergraduate, and, if appropriate, a co-supervisor, in order to cover all aspects of the program.	+			
5.2	The medical education organization must have mechanisms / procedures regulating the process of discussion and approval of the candidacy of the scientific supervisor and the research topic of the undergraduate in accordance with the standard requirements and SCES.	+			

5.3	The medical education organization must ensure that the candidates for scientific advisors will be selected from specialists with an academic degree and are actively involved in scientific research in the field of science in the specialty of training a master's student.	+			
5.4	The medical education organization must have clearly formulated duties and responsibilities of the scientific advisor.	+			
5.5	Academic supervisors should conduct regular consultations with their undergraduates.	+			
5.6	The undergraduate must study on the basis of an approved individual work plan, which is drawn up under the guidance of a scientific supervisor, which should be reflected in the approved reports heard at a meeting of the department (departments) for each six month	+			
	Total	6			
6	Standard "DISSERTATION"				
6.1	The topic of the dissertation and the supervisor of the undergraduate must be approved after enrollment in the magistracy.	+			
6.2	The topic of the thesis should be evaluated and approved by a group of independent experts (examiners) by external evaluation of the written description or on the basis of the presentation of the research work.	+			
6.3	The master's program must end with the preparation and defense of a master's thesis, which is an indicator of the formation of the master's student's competencies in accordance with the educational program.	+			
6.4	Research work in the scientific and pedagogical magistracy should: - correspond to the main problems of the specialty in which the master's thesis is being defended; - be relevant, contain scientific novelty and practical significance; - be based on modern theoretical, methodological and technological achievements of science and practice; - carried out using modern scientific research methods; - contain research (methodological, practical) sections on the main protected provisions; - be based on advanced international experience in the relevant field of knowledge.	+			
6.5	Experimental research work in a specialized master's degree must: - correspond to the main problems of the specialty, in which the master's thesis is being defended;	+			

	<ul style="list-style-type: none"> - be based on modern achievements of science, technology and production and contain specific practical recommendations, independent solutions to management problems; - to be carried out using advanced information technologies; - contain experimental-research (methodological, practical) sections on the main protected provisions 				
6.6	The medical education organization must determine the term for the preparation of the thesis, limited to a 1-2 year period.	+			
6.7	The dissertation must be written by the master student independently, contain a set of scientific results and provisions put forward by the author for public defense.	+			
6.8	The structure of the thesis should include a literature review related to the research topic, goals and objectives of the research work, research methodology, results, discussion, conclusion, conclusions and further research prospects	+			
6.9	The results of the dissertation work should be available to interested parties (undergraduates, supervisors, employees of the organization where the dissertation was carried out, researchers performing scientific work in a similar direction, and other categories of interested persons), i.e. published unless copyright or other reasons prevent it.	+			
6.10	The dissertation work must be accompanied by at least one publication and / or one presentation at a scientific and practical conference.	+			
6.11	The medical education organization must provide a discussion of the master's thesis at a meeting of the department (departments) where the thesis was performed.	+			
	Total	11			
7	Standard "EVALUATION OF DISSERTED WORKS"				
7.1	The medical education organization must determine, approve and publish the principles, methods and practices used to evaluate undergraduates, including criteria for evaluating scientific work.	+			
7.2	The final assessment and approval of the thesis should be carried out by the State Attestation Commission for the defense of master's theses.	+			
7.3	The defense of the thesis should be carried out in the medical education organization where the master student is studying. +.	+			
7.4	The thesis must be reviewed (external) by a person with a PhD or PhD-doctor degree in the field of the thesis being defended in a similar medical education organization	+			

7.5	The defense of the thesis should include both the preparation of a written version of the report and the subsequent oral defense.	+			
7.6	The defense of the thesis should be open to the public.	+			
7.7	An academic master's degree must be awarded by a medical education organization on the basis of the decision of the SAC, which evaluates the thesis (standard "Dissertation") and oral defense.	+			
	Total	7			
8	Standard "GOVERNANCE AND ADMINISTRATION"				
8.1	Program management				
8.1.1	Management of a medical education organization should be effective and ensure improvement educational program.		+		
8.1.2	The medical education organization must determine the structural unit responsible for the implementation of educational programs of postgraduate education and the achievement of final learning outcomes.	+			
8.1.3	The structural unit responsible for the implementation of educational programs of postgraduate education should have the authority to plan and implement the educational program, including the allocation of allocated resources for planning and implementing teaching and learning methods, evaluating undergraduates, evaluating the educational program and training courses.		+		
8.1.4	The medical education organization must guarantee the interaction of undergraduates with the leadership on the design, management and evaluation of graduate programs.	+			
8.1.5	Medical education organization should encourage and facilitate the involvement of undergraduates in the development of educational programs for the preparation of undergraduates.		+		
8.1.6	The structural unit responsible for the implementation of educational programs of postgraduate education must ensure the transparency of the management system and decisions made that are published in bulletins, posted on the website of the university, included in the protocols for review and execution.		+		
8.1.7	The medical education organization should , through the structural unit responsible for the implementation of educational programs of postgraduate education, plan and implement innovations in the educational program.	+			
8.1.8	The medical education organization should include representatives from other relevant stakeholders in the advisory body responsible for the	+			

	implementation of educational programs of postgraduate education, including other participants in the educational process, representatives from clinical and industrial bases, graduates of medical educational institutions, healthcare / pharmaceutical specialists.				
8.1.9	The medical education organization should ensure that the structural unit responsible for the implementation of educational programs of postgraduate education: - takes into account the peculiarities of the conditions in which graduates will have to work and accordingly modify educational program; - considers the modification of the educational program based on feedback from the public and society as a whole.	+			
8.1.10	The medical education organization must periodically assess the academic leadership regarding the achievement of its mission and final learning outcomes.	+			
8.1.11	Medical education organization should ensure that the process of renewal and restructuring leads to the improvement of the organizational structure and management principles of the master's program to ensure effective operation and (in the future) to meet the interests of various groups of stakeholders in the context of changing circumstances and needs.	+			
8.2	Academic leadership				
8.2.1	Medical education organization must clearly define the responsibility of academic leadership in relation to the development and management of the educational program.	+			
8.2	Medical education organization should periodically assess academic leadership regarding the achievement of its mission and learning outcomes.	+			
8.3	Budget for training and resource allocation	+			
8.3.1	Medical education organization must : - have a clear range of responsibilities and authorities to provide the educational program with resources, including the target budget for training; - to allocate the resources necessary for the implementation of the educational program and to distribute educational resources in accordance with their needs.	+			
8.3.2	The system of financing a medical education institution should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, delimitation and independence of all levels of budgets. +	+			
8.3.3	Financial and administrative policies should be aimed at improving the quality of the study program	+			

8.4	Administrative staff and management				
8.4.1	The medical education institution must have appropriate administrative and academic staff, including their number and composition in accordance with qualifications, in order to: - ensure the implementation of the educational program and relevant activities; - ensure proper management and distribution resources.	+			
8.4.2	Medical education organization should develop and implement an internal program for quality assurance management, including consideration of needs for improvement, and conduct a regular review and analysis of management.	+			
8.4.3	The medical education organization must ensure the implementation of the master's program in accordance with the quality management system certified by independent organizations.	+			
8.5	Interaction with the health sector				
8.5.1	Medical education organization must have constructive interaction with the health sector, with related health sectors, society and government, including exchange of information, cooperation and initiatives of the organization, which contributes to the provision of qualified specialists in accordance with the needs of society.	+			
8.5.2	The medical education organization must provide an operational link between the educational program and subsequent stages of professional training	+			
8.5.3	The medical education organization should formalize cooperation with partners in the health sector, which includes the conclusion of formal agreements defining the content and forms of cooperation and / or the conclusion of a joint contract and the creation of a coordinating committee, and joint activities.	+			
	Total	18	4		
9	Standard "CONTINUOUS IMPROVEMENT"				
	Medical education organization should as a dynamic and socially responsible institution:				
9.1	initiate procedures for regular review and revision of content, results / competencies, assessment and learning environment, structure and function, document and eliminate deficiencies;		+		
9.2	Allocate resources for continuous improvement.		+		
	The medical education organization should :		+		
9.3	base the renewal process on prospective research and analysis and on the results of its own study, assessment and literature on medical postgraduate education		+		

9.4	Ensure that the renewal and restructuring process results in a revision of its policies and practices in line with past experience, current activities and perspectives.		+		
	Medical education organization in the process of renewal / continuous improvement should pay attention to:		+		
9.5	adaptation of the mission and end results of postgraduate medical education to the scientific, socio-economic and cultural development of society for the future;		+		
9.6	Modification of the intended outcomes of postgraduate education in the selected health field in accordance with the documented needs of the environment. Changes may include adjusting the structure and content of the educational program, principles of active learning. The adjustment will ensure, along with the elimination of obsolete ones, the assimilation of new relevant knowledge, concepts, methods and concepts based on new advances in the basic biomedical, clinical, behavioral and social sciences, taking into account changes in demographic situation and population structure on public health issues, as well as changes socio-economic and cultural conditions;		+		
9.7	Development of assessment principles, methods of administration and number of examinations in accordance with changes in learning outcomes and teaching and learning methods;		+		
9.8	Adaptation of the recruitment and selection policy for graduate students, taking into account changing expectations and circumstances, human resource needs, changes in the postgraduate education system and the needs of the educational program;		+		
9.9	Adaptation of the recruitment and education policy staff in line with changing needs;		+		
9.10	Monitoring and evaluating the educational program.		+		
9.11	Improving organizational structure and management principles to ensure effective operation in the face of changing circumstances and needs, and, in the long term, to meet the interests of various stakeholder groups.		+		
	Total	0	11		
	Total	80	53	4	