



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on results of the work of the External Expert Panel
for compliance with the requirements of specialised accreditation
standards of the educational programme 5B130200 Dentistry
of the NCSC “Medical University of Karaganda”
Site visit dates: from “16” to “18” April 2019.**

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert panel

**Addressed to the IAAR
Accreditation Council**



АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ

НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on results of the work of the External Expert Panel

**for compliance with the requirements of specialised accreditation standards of the
educational programme 5B130200 Dentistry of the NCSC “Medical University of
Karaganda”**

Site visit dates: from “16” to “18” April 2019.

Karaganda 2019

CONTENT

(I) A LIST OF SYMBOLS AND ABBREVIATIONS	3
(II) INTRODUCTION	4
(III) REPRESENTATION OF THE ORGANISATION OF EDUCATION	5
(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE	6
(V) A DESCRIPTION OF THE VISIT OF THE EEP	6
(VI) STANDARDS OF SPECIALISED ACCREDITATION	7
6.1 Standard "Mission and outcomes"	7
6.2 Standard "Educational programme"	9
6.3 Standard "Programme evaluation"	12
6.4 Standard "Students"	14
6.5 Standard "Assessment of students"	17
6.6 Standard "Academic staff/faculty"	19
6.7 Standard "Educational resources"	21
6.8 Standard "Governance and administration"	24
6.9 Standard "Continuous improvement"	26
(VII) REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD	28
(VIII) REVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT ON EACH STANDARD	30
Annex 1. Assessment table "PARAMETERS OF THE SPECIALISED PROFILE" (EP 5B130200 "Dentistry")	31

(I) A LIST OF SYMBOLS AND ABBREVIATIONS

NCSC «MUK» - Non- commercial joint-stock company "Medical University of Karaganda»
AC – academic Council
AMP – administrative and managerial personnel
BD - basic disciplines
SOSE RK – State obligatory standard of education of the Republic of Kazakhstan
SCC - State certification Panel
SVMC - State volume of medical care
DAW – Department of academic work
DHR – Department of human resources
DSD and IC – Department for strategic development and international cooperation
DO – Department of operations
IEP – individual educational plan
CAD – catalogue of elective disciplines
LC – laboratory of collective use
MH RK – Ministry of health of the Republic of Kazakhstan
MES RK – Ministry of education and science of the Republic of Kazakhstan
MOP – modular educational programme
ISO – international standard ISO
MTB – material and technical base
SCC – State certification Panel
RW – research work
NLA – normative legal acts
CPD – continuous professional development
EP – educational programme
Teaching staff – faculty
WC – Working curriculum
EC – Employers Council
MC – Model curriculum
EMCD – educational-methodical complex of disciplines
AC – Academic Council
CPS - Centre of practical skills
TBCC - training based on clinical cases
POL - problem-oriented learning
TOT - team-oriented training
SWOT – Strengths, weaknesses, opportunities, threads

(II) INTRODUCTION

In accordance with the order of IAAR № 33-19-OD from 05.04.2009 in NCSC «MUK» - Non- commercial joint-stock company "Medical University of Karaganda», the visit of the external expert panel (EPP) from 16 to 18 April 2019. To estimate conformity of the educational programme in the specialty 5B130200 - "Dentistry" with IAAR standards specialised accreditation (as of May 25, 2018 No. 68-18/1-OD).

External expert Panel on institutional and specialised accreditation of "Medical University of Karaganda" as follows:

1. **The Chairman of the Panel** – Baildinova Clara Dzh., Ph. D., associate Professor, Kazakh national Medical University named after S. D. Asfendiyarov (Almaty);
2. **Foreign expert** – Ion Bologan, MD, State University of medicine and pharmacy. N. Testemitsanu (Chisinau, Moldova);
3. **Foreign expert** – Irina Zhuravel, doctor of science, Professor, national pharmaceutical University (Kharkiv, Ukraine);
4. **Expert turdalieva** - Turdalieva Botagoz, MD, Professor, JSC "Kazakh medical University of continuing education" (Almaty);
5. **Expert** – Dzhardemaliev Nurzhamal, Ph. D., associate Professor, Kazakh national medical University named after S. D. Asfendiyarov (Almaty);
6. **Expert** – Baskakova Irina, PhD, associate Professor, Kazakh national medical University. S. D. asfendiyarova (Almaty);
7. **Expert** Ospanova Dinara, MD, associate Professor, JSC "Kazakh medical University of continuing education" (Almaty);
8. **Expert** – Kurmangaliyev Kairat, PhD, associate Professor, NAO "West Kazakhstan medical University. Marat Ospanov" (Aktobe);
9. **Expert** – Kulzhanova Sholpan, MD, Professor, NAO "Nur-Sultan Medical University" (Nur-Sultan);
10. **Expert** – Jumalina Akmaral, MD, Professor, NAO "West Kazakhstan medical University. Marat Ospanov" (Aktobe);
11. **Expert** – Pak Laura, PhD, in NCSC "Semey Medical University" (Semey);
12. **Expert** – Amrenova Shaganova Kuralay, PhD, associate Professor, in NCSC "Medical University of Semey", (Semey);
13. **Expert** – Narmanova Oryngul, MD, Professor, in NCSC "Medical University of Nur-Sultan" (Nur-Sultan);
14. **Employer** – Bektasova Gulmira, SOE "Regional infectious hospital" UZ KO (Karaganda);
15. **Employer** – Bashirova Tatyana, LLP "City center PHC" (Karaganda);
16. **Student** – Aldanis Zhumazhan, in NCSC "Nur-Sultan Medical University" (Nur-Sultan);
17. **Student** – Asanov Aliha, the Leader of "Alliance of students of Kazakhstan" in Karagandy (Karaganda);
18. **Observer from the Agency** – Aimurziyeva Aigerim, Head of medical projects of the Agency (Nur-Sultan);

The report of EEP contains an assessment of compliance of the presented educational programmes of the organisation of education to IAAR criteria, recommendations of EEP on further improvement of educational programmes and parameters of a profile of educational programmes.

(III) REPRESENTATION OF THE ORGANISATION OF EDUCATION

NCSC «MUK» Non- commercial joint-stock company "Medical University of Karaganda», established in 1950, is a leading medical University in Kazakhstan for the training of qualified personnel for the health care system, has a high reputation in the provision of educational, scientific, medical and diagnostic services, has a high national rating among medical universities of Kazakhstan.

Currently, the University implements multi-level training: post-secondary education (College), bachelor's degree, postgraduate (master's, residency, doctoral) and additional education. Training is carried out in the state, Russian and English languages. Our graduates successfully work in Kazakhstan, CIS and foreign countries. The contingent of students of NCSC "MUK" on March 1, 2019 is 7 158 people., of them: bachelors – 4 958 people., interns – 1 416 people., residents – 372 people., undergraduates – 99 people., doctoral students – 72 people, students of the school of nursing education – 241 people.

The University is taught by highly qualified teachers, academicians of the National Academy of Sciences of the Republic of Kazakhstan, new York Academy Of Natural Sciences, International Academy Of Information, Academy Of Natural Sciences of the Republic of Kazakhstan. The teaching staff of NCSC "MUK" is 755 people, of them: doctors of Sciences – 62 people, doctors of PhD – 22 people, candidates of Sciences – 224 people, masters – 128 people (at 01.03.19).

The University teaches 7 undergraduate programmes, 7 master's programmes, 4 doctoral programmes and 26 residency programmes. In addition, additional training is offered for health and education workers in 52 specialties.

The current organisational structure of the University includes 4 schools (school of medicine, school of dentistry, school of public health and pharmacy, school of nursing education) and international medical faculty, Physical health center and 35 departments.

The quality of education and research is provided by a high level of infrastructure - 7 academic buildings with classrooms, equipped with interactive equipment, a scientific library with reading rooms and an electronic library hall, a Center of practical skills with high-tech simulators and mannequins, a research center and a laboratory for genetic and molecular research, a University clinic, a dental clinic, a Department for digitalisation and automation of processes, 61 clinical facilities of the University, 6 dormitories and 2 recreation areas.

In the field of medical education, science and practice partners of the University are medical universities and research centers of Kazakhstan, Russia, Belarus, Georgia, Tajikistan, Uzbekistan, Sweden, France, Italy, Japan, etc.: George, London (UK), University of Lund (Sweden), University of Milan (Italy), University of Poitiers (France), University of Vilnius (Lithuania), Modern Institute of hospital management (India), medical University of Plovdiv (Bulgaria), Aristotle University, Thessaloniki (GrEEPe), Medical University of Lublin (Poland), Lahti University of applied Sciences (Finland), international medical University (Malaysia), University of applied Sciences of jyvaskylä (Finland), School of Medicine, University of Zagreb (Croatia), University of Ataturk (Turkey), Shimane University (Japan), University of Porto (Portugal), Center of modern medical technologies "Somet" (Israel), Helios clinic (Germany), Frankfurt-on-Oder clinic (Germany).

The University is a grant-applicant of two international projects of Erasmus+ programme "Transition to University Autonomy in Kazakhstan" and "Training against medical error".

NCSC "MUK" is included in the Directory of medical schools "Avicenna" of the world health Organisation and the world Federation of Medical education. NAO "MUK" is a member of the Association of medical education in Europe (AMEE), the Association for the study of medical education (ASME), the Organisation for the protection of PhD in Biomedicine and health in the European system (ORPHEUS), the European Association of Universities (EUA), the Organisation of University mobility in Asia and the Pacific (UMAP), the International

Association for the development of education (IADE), the Association Of higher education institutions of the Republic of Kazakhstan, the Association of medical education in Asia (AMEA).

NCSC "MUK" is the first medical University of the Republic of Kazakhstan, which successfully passed in 2005 the certification of quality management system for compliance of educational, scientific and clinical activities with the requirements of ISO 9001 certification body NQA – UK (UK), NQA – Russia. In 2015, he was certified by the SGS certification body (Switzerland). In 2016, he was accredited in the field of health care for compliance with accreditation standards for medical organisations providing inpatient care with the assignment of the first category.

In 2010, NCSC "MUK" passed the institutional accreditation of the University, in 2011 received a certificate of accreditation of the University as a subject for scientific and technical activities. In 2017, passed the post monitoring for the specialised accreditation of educational programmes in IQAA (2014, 2016) and the post monitoring of institutional accreditation of the NAO MUK (IQAA).

In 2017, NCSC "MUK" successfully switched to a new version of the international standard ISO 9001, as well as certification audit (certification Association "Russian register" (Russia). And in 2018. NCSC "MUK" passed specialised accreditation of educational programmes (IAAR) in 4 specialties of residency and 2 specialties of doctoral studies.

In 2016 "Research sanitary and hygienic laboratory" NCSC "MUK" successfully passed accreditation for compliance with the requirements of ST RK ISO/IEC 17025-2007.

The simulation programme of the University in 2017 was awarded the ASPIRE award "Excellence simulation-based healthcare education" by the accreditation Committee of AMEE. In the same year, they were certified for compliance with the standard of good clinical practice (GCP) by the Committee of pharmacy of the Ministry of health.

In 2018, the Laboratory of collective use of the Research center of NAO "MUK" successfully passed the accreditation of ST RK ISO 15189-2015.

NCSC "MUK" is the first medical University included in the Eurasian project on the introduction of entrepreneurial education in the universities of Kazakhstan.

According to the order №82 dated January 25, 2019 of the Ministry of Finance of the Republic of Kazakhstan Karaganda state medical University was reorganised into a non-profit joint stock company "Medical University of Karaganda".

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

Previously the EP has not passed any specialised accreditation performed by the IAAR.

(V) A DESCRIPTION OF THE VISIT OF THE EEP

The work of the EEP was carried out based on the Programme of the visit of the expert Panel for the specialised accreditation of educational programmes in AO MUK, in the period from 16 to 18 April 2018.

To obtain objective information about the quality of educational programmes and the entire infrastructure of the NCSC "MUK", clarify the content of self-assessment reports, meetings were held with the rector, Provost and Vice-rectors, deans of schools and faculties, heads of departments accredited by the OP, faculty, students, graduates, and employers. In total, 52 people took part in the meetings.

During the visual inspection of the University, on the first day EEP visited the research center of NCSC "MUK", computer center, Assembly hall, library, sports hall, Department of

academic work, Department of digitisation and automation of processes, Center of practical skills, including phantom classes on the formation of dental operational skills.

In the second day of the EEP visited the clinical site the School of dental medicine (MF LLP "Hippocrates" (city St krivoguzha 10); LLP "Doctor Stom B" (m-Steppe it 2, 9); Dental clinic NCSC MUK (Alalykina str 14); School of dentistry, Department of dentistry and have studied the documentation Department and a COP for directions, accredited educational programme in the specialty "Dentistry".

On the basis of the School of dentistry conducted interviews with the chief physician of the Dental clinic, Dean of the School of dentistry Kalina Ainur Serikovna, head. Department of dentistry Tuleutaeva Svetlana Toleuovna, mini-interviews with teachers of the Department of dentistry, students and interns.

EEP visited classes with students of 4-6 courses of the School of dentistry on schedule:
group 5003 (assistant Almuhambetov B. B.) – the discipline "Pediatric surgery»;
group 4004 (assistant Voloshin D. C) - discipline – "dental Disease in children»»;
group 4005 (assistant Babenko EV) – discipline "dental Disease in children»»;
group 6008 (assistant Professor Mukhtarova K. S.) – discipline "Orthodontics»;
group 5012 (assistant K. A. Shauenova) – discipline "periodontal disease and oral mucosa»,

group 1004 (assistant Sagimbaeva T. B.) the discipline "introduction to the practice of dentistry and communication skills»;

group 1005 (assistant Tashbaev M. G.) - – the discipline "introduction to the practice of dentistry and communication skills»

Depending on the specifics of the taught discipline and the topic of the lesson, students and interns of the School of dentistry of NCSC "MUK" were actively involved in TBL, CBL, worked in small groups, solved situational problems, performed tasks on the SRS, watched the reception of patients. In the dental clinic of NCSC "MUK" interns 6001 and 6603 conducted consultations and hygienic training of patients, including children and their parents, with a parallel demonstration of the rules of oral care on models and watching a training video; participated in clinical reviews; they filled out medical documentation in electronic information systems.

Members of the EEP noted the high level of organisation, methodological support and material and technical equipment of the educational process on the implemented educational programme in the specialty "Dentistry".

(VI) STANDARDS OF SPECIALISED ACCREDITATION

6.1 Standard «Mission and outcomes»

The evidence part

Mission, vision and values of the University are part of the published document of the QMS of the University "Policy in the field of quality of KSMU" version of the OE/05 and presented in the current Strategic plan of KSMU for the years 2017-2021.

The mission, vision and strategic goal of the University correspond to the goals, objectives and priorities of the national education system, which is expressed in the University's desire to constantly improve the level of training to provide quality medical services to the population of Kazakhstan.

Institutional autonomy and academic freedom is confirmed by the fact that the policy in the field of quality assurance of educational programmes of NCSC "MUK" was developed and approved by the decision of the Academic Council of KSMU on 21.01.2016 (Protocol No. 6).

In the formation and implementation of the Quality policy of the OP involved all departments of the University and the owners of the processes, based on the basic principles of activity spelled out in the Policy. The document is presented on the corporate portal of the

University in the section "quality management System". The activity of each unit is regulated by internal documents developed in NCSC "MUK" – Regulations, which are also presented on the portal in the section "Regulations of the University".

Mission, strategic plan, implemented through specific goals and objectives, are reflected in the developed University OP specialty: "Dentistry" (from 31.08.2017, Protocol №1 of the Academic Council of the University). Mandatory minimum content of OP meet the standards - SES-2016 and includes General education training aimed at the formation of General education and social and personal competencies. Upon completion of 5 years of training, the graduate is awarded a diploma of higher medical education with an academic degree of bachelor of dentistry and a transcript with the right to work in regulated specialties. In the OP reflect the criteria for compliance with the qualification requirements (the Order of MH RK from 24.08.2012 No. 588; from 26.11. 2009 No. 791 "About the statement of qualifying characteristics of posts of workers of health care"). The strategic documents (Strategic plan for the development of the University for 2017-2021, OP specialty: Dentistry from 31.08.2017 g.) reflects the final model of a competent specialist with acquired knowledge, skills and formed business and personal qualities.

Taking into account the key positions of SES-2017, TUP-2017 and other strategic documents (p. 1.1.1), the University developed an EP in the specialty: Dentistry, which includes a mandatory and University component. The EP was discussed at the meeting of the Panel of educational programmes (Protocol No. 10 of 28.08.2017), the Academic Council of the University (Protocol No. 1 of 31.08.2017). Students independently determine the trajectory of training for the formation of professional competencies implemented by the components of choice and the catalog of elective disciplines.

The University attracts to the formation of the EP bachelor's degree in "Dentistry" teaching staff, students and employers. Taking into account the interests of employers laid down at the level of determining the objectives of training. Employers annually formulate their needs for specialists and requirements for their training.

Information about the content of the EP bachelor in the specialty "Dentistry" is communicated to interested parties through publication on the NCSC website MUK. OP bachelor on a specialty "Dentistry" regularly reviewed and approved.

The University analyses the external and internal environment. The degree of satisfaction of teachers, students is determined in the course of sociological monitoring. Monitoring is organised and conducted in accordance with the established requirements. Surveys and questionnaires in NCSC "MUK" are conducted among students, graduates, employers and teachers in order to identify their views on the quality of professional activities of teachers, the quality of management and other important issues of the educational process.

Analytical part

The implementation of the op bachelor's degree in "Dentistry" meets the requirements of the standard "Mission and end results of training", which is confirmed by the high rates of employment of graduates.

The process of developing an EP undergraduate specialty "Dentistry" is transparent and accessible to all stakeholders (confirmed in interviews with students, faculty and employers).

The Department of academic work (DAR) together with the Dean of the School of dentistry is responsible for the preparation of working curricula, keeps a record of educational achievements (Registrar's office), makes a schedule of classes, midterm and final control. The Department of transfer of innovative technologies (OTIT) is responsible for the implementation and monitoring of innovative teaching methods, the organisation of training of the teaching staff, together with the supervising Dean's office analyses the satisfaction of students with the quality of the educational process. Department of management of scientific and innovative activity (OMNID) monitors the implementation of students' research work. The Department of international cooperation and the Bologna process is involved in the planning and organisation of international internships, academic mobility of students and teachers (together with the deans);

departments implement the EP; library, DER and other supporting structural units provide the infrastructure of the learning process.

Strengths/best practices for the EP 5B130200 "Dentistry"

- The mission and vision of the University consistent with the strategic documents on the basis of achievements in the field of medical research;
- The presence of the University approved Policies in the field of quality;
- Compliance of EP objectives with the strategic development plan and mission of the University;
- High demand for graduates in the labor market;
- Developed in the University regulatory documents for all activities that determine responsibility for the implementation of EP (Regulations, instructions);
- High institutional rating of the University and educational programmes in the specialty "Dentistry»;
- The presence of institutional autonomy in the development of educational programmes in the specialty "Dentistry".

EEP recommendations for the EP 5B130200 "Dentistry"

There are no recommendations for this standard.

Conclusions of the EEP on the criteria:

strong – 28

satisfactory – 0

suggest improvements – 0

unsatisfactory – 0

6.2 Standard «Educational programme»

The evidence part

In the content of the educational programme in the specialty "Dentistry" in accordance with the SES RK 2017 specialty 5B130100-"Dentistry" defined a complete list of disciplines in three cycles: General education, basic and major disciplines (Annex 6). The educational programme is available on the website of the University <http://www.kgmu.kz/ru/contents/view/804> ahhh! The educational programme of NCSC "MUK" in specialty 5B130200 – "Dentistry" is characterised by a clear structure, logical sequence of disciplines, integrity, interdisciplinary approach, the presence of integration between disciplines, based on a modular approach. So, already in the 1st year training in basic disciplines is carried out on a modular integrated programme. For example: module "Morphology and physiology" includes 3 disciplines – anatomy, physiology, histology, allowing to consider the whole system of the human body. Students primarily consider issues of hemostasis in the 1st year (physiology) from the perspective of the normal functioning of the body systems, then in the 2nd year in the module "General pathology". On the 3rd course within the modules "Pathology of organs and systems" and "Pathology of the oral cavity" the same section is considered from the point of view of the involvement of individual links in pathological processes, including in the oral cavity.

Active teaching methods and modern educational technologies (PBL (problem-oriented training; CBL (training based on clinical case); TBL (team-oriented training); interprofessional and interdisciplinary training; project-oriented method were introduced into the educational process. Lectures are delivered in different, including interactive forms (problem, interactive, lecture-discussion, integrated lecture). Simulation training is conducted on the basis of the Center of practical skills. Such active teaching methods as classes with the use of educational

and scientific laboratories, filling in the form of a drug form, etc. are used. The components of distance learning (video lectures, tasks in the MOODLE system) are actively developing.

Scientific research methods are presented in the content of medical and social disciplines focused on the formation of critical analysis skills, objective assessment of modern scientific achievements, solving research and practical problems (module "Patient and society").

The educational programme in the specialty 5B130200-"Dentistry" includes new disciplines dealing with social aspects, issues of medical ethics, medical law, development and improvement of communication skills. The introduction of new disciplines in the educational programme is carried out taking into account the needs of society and the health care system, changing demographic and cultural conditions.

The structure and content of the educational programme for all components of the curriculum meet the requirements of the current SES RK – 2017. Horizontal integration of related Sciences is carried out by creating modular integrated disciplines reflected in the working curricula. Vertical integration is carried out on the basis of coordination of the content of basic and clinical disciplines and spiral design of EP.

In the discussion and adoption of the EP at the level of Advisory bodies involved faculty, students, students, employers.

NCSC "MUK" provides students with the necessary knowledge and competencies through the study of basic and specialised disciplines, the formation of skills and abilities - with the passage of educational and professional practices at the clinical bases of the School of dentistry and in the performance of NIRS. Highly professional level of teachers - scientific leaders of RWS - is confirmed by the presence of their degree of candidate of Sciences, extensive experience in higher education and in practical health care, and participation in the implementation of research projects at various levels. In the 2018-2019 academic year, all students of the specialty "Dentistry" 2 courses study the discipline "Fundamentals of scientific thinking and evidence-based medicine."

On the basis of NCSC "MUK" operates a Laboratory of collective use (LCP), equipped with modern equipment for deep molecular genetic and proteomic genomic research. The laboratory has a number of profiled units: microbiological, immunological, chromatographic, PCR diagnostics and sequence, washing and sterilisation unit. The laboratory has the necessary infrastructure to implement a full cycle of research, including sample preparation and disposal activities. Equipment of the LCP and high qualification of personnel allows to solve a wide range of tasks, including the preparation and implementation of scientific projects.

For effective implementation of the project method of training at the departments and courses of NCSC "MUK" Musabekova S. A. published a textbook "Basic principles of teaching medical students using the project method of training (SSC-STUDENT SELECTED COMPONENTS): textbook (work of science)", protected by the certificate of state registration of rights to the object of copyright №1826 from 26.07.2017.

In 2017, in the development of EP in the specialty "Dentistry", taking into account new achievements, the needs of society and the health care system, changing demographic and cultural conditions, new disciplines were introduced: introduction to dental practice and communication skills (1 course); patient-centered care and effective compliance in dentistry (3 course); basics of social activity and leadership (4 course); basics of entrepreneurship (2 course); organisation of dental service (2 course); fundamentals of economic and legal knowledge (1 course).

Distance learning components (video lectures, tasks in the MOODLE system) are actively developing. In the MOODLE system of distance learning is the assessment of independent work of students on discipline "Biological chemistry" the solution of situational task on the channel YOU KSMU (link <https://www.youtube.com/channel/UCcaNNNJoA0-SilDBJJaf3ig/playlists>) are video lectures: the Center of practical skills - 7 lectures in the Kazakh and Russian languages in the provision of medical care in case of emergency: cardiopulmonary resuscitation, gastric lavage, conicotomy, splinting in injuries of the lower extremity.

Video lectures in number 121, in the disciplines of modern history of Kazakhstan (1 course), infectious and skin diseases (3rd year), foundations of clinical medicine (3rd year), clinical pharmacology (5th year), patient and society (3rd year), molecular biology and Biophysics (1 course), basics of paediatrics (4th course) foundations of oral and maxillofacial surgery "Clinic and diagnostics of mandibular fractures" (5 course, Russian language), "Dentally implantation" (5 course, the Kazakh language), "But neurostomatologic aurului" (5 course, the Kazakh language), children's therapeutic dentistry - "Periodontal disease in children" (5th year, Russian language).

With the aim of introducing in the educational process and improve the provision of quality dental care and improve the health of the population in the dental clinic of the University functioning cone-beam computed tomography Planmega Prox. and Planmega Promax, Vektor apparatus, has high-tech dental units with intraoral chambers, uses modern filling materials and methods of treatment of dental diseases. On the clinical basis of "Hippocrates" for operations on the CHLO function NSK – ultrasound surgical unit and NSK-physical dispensary. The center of practical skills provides training in basic professional manual and practical skills of a dentist on phantoms and models, including virtual ones (voxel-man apparatus, phantoms of the head with removable jaw models, etc.).

All methods of teaching and learning are aimed at increasing the independent role of students in obtaining knowledge and skills, as well as the development of their objective self-assessment. The achieved learning results are reflected in the students' portfolio.

Analytical part

In NCSC "MUK" developed and implemented an educational programme in the specialty "Dentistry" in accordance with the State educational standards. Kazakhstan, focused on modern trends in the development of medical education, namely: the development of the graduate School of dentistry communicative, leadership, research and professional competencies.

The objectives of the educational programme are: training of health professionals, competitive both within Kazakhstan and in the international labor market; integration into the world educational space.

The integrity of the educational programme, which combines the fundamental nature of training with the interdisciplinary nature of professional activity, is provided by a clear structure of the educational process, the sequence of the study of disciplines and the presence of integration between disciplines, the introduction of interdisciplinary training.

The policy of development and implementation of the educational programme in the specialty "Dentistry" meets the requirements of stakeholders, taking into account changing expectations and circumstances, the needs of practical health care in human resources, changes in the system of higher education.

Strengths/best practices for the EP 5B130200 "Dentistry"

- A comprehensive educational programme that meets the requirements of the modern labor market, taking into account the needs of society and the health care system
- High level of methodological support of the educational programme
- Competency-based approach to graduate training
- Student-centered learning
- Continuous improvement of teaching and learning methods
- Involvement of employers in the development of educational programmes

EEP recommendations for the EP 5B130200 "Dentistry"

To intensify the process of creating joint educational programmes, together with partner universities, to enhance the outgoing academic mobility of students and faculty of the School of dentistry.

Conclusions of the EEP on the criteria:*strong – 47**satisfactory – 1**suggest improvements – 0**unsatisfactory – 0***6.3 Standard «Programme evaluation»*****The evidence part***

Evaluation of the EP is carried out in accordance with the regulations on Academic policy of NCSC "MUK". The system of monitoring and evaluation of EP specialty "Dentistry" covers all aspects of the organisation, implementation and evaluation of EP. This is the development, approval of OP, organisation and conduct of the educational process, achieving the final results of training students, analysis of the results of external and internal audit of educational programmes and the educational process at the University, analysis of feedback data from all participants of the educational process and stakeholders.

Monitoring of the implementation of the EP is carried out by the responsible departments (DAR, School of dentistry, etc.) on the basis of the results of midterm control, final certification, final state certification, analysis of the results of progressive testing, Independent examination of graduates, questionnaires with all stakeholders – students, faculty, employers, allowing to assess the achievement of the final results of training EP. Monitoring of the implementation of the EP is also carried out within the framework of intra-University control and during the internal and external audit of the faculty and students.

To improve the implementation of EP in the University according to the order of the MOH introduced internal audit Service. Taking into account modern requirements, the University has a project team on the assessment of the EP.

The model of EP in the specialty "Dentistry" is structured in accordance with the SES 2017. The mechanisms of evaluation of the EP are regulated by the Regulations on the Academic policy of the University and are presented at all levels of implementation of the EP. The content of compulsory subjects and the component of choice is discussed at the meetings of the Department, AK, AC. The mechanisms for the assessment of EP in the NAO MUK presents also internal panels, the involvement of employers in discussion and monitoring of the implementation of the EP, study the results of feedback from all participants in the educational process and other stakeholders.

Evaluation of the effectiveness of EP in the specialty "Dentistry" is based on the monitoring of the main criteria – satisfaction of students and employers, external evaluation of National ratings (2016-2017), rating NCE Atameken (2018).

The results of the Independent examination of graduates for the analysed period showed that the percentage of graduates who passed the independent examination in the specialty "Dentistry" from the first time was in the 2015-2016 academic year - 65%, 2016-2017 - 67,3%, 2017-2018 - 74% accordingly, reflecting the increase in the SPR indicator.

The application of the principles of benchmarking has allowed to introduce the institution of progressive testing, training based on the errors, a group of OSCE, RBL. The University participated in the rating of educational programmes conducted by the National chamber of entrepreneurs "Atameken", where the educational programme of the specialty "Dentistry" took 1st place among the 8 universities of Kazakhstan.

The process of improving the EP is also carried out on the basis of studying the results of feedback at the end of the study of theoretical, clinical disciplines in all courses.

Feedback at the departments is carried out according to specially approved QMS questionnaires: "Questionnaire for students" and "Teacher through the eyes of the student" presented in the document (<https://portal.kgmu.kz>).

For feedback from teachers and students, the rector's blog is used, where students and University staff receive answers to their questions on the terms of the EP. Students are included in the AK, AC, US, where they participate in the discussion of the implementation of the EP.

Every year, the Rector of NCSC "MUK" holds traditional meetings with students, other stakeholders, which provide data on the achievements of the UNIVERSITY, discuss plans for the development of the University.

The feedback results are analysed and discussed at the meetings of the departments, AK as, US. Feedback results are taken into account when planning for improvement. In General, the use of feedback contributes to a better understanding of the current needs of students and teachers and is systematic in making changes to the EP.

Analysis of the results of training on EP is carried out at all levels: Department, AK School of dentistry, Academic Council. The Academic Council discusses the results of training in the educational programme in the specialty "Dentistry" with the development of corrective actions.

At the University together with the staff of CPS, the staff of the Department of dentistry and a student of the 5th course of the conducted research on the influence of level of initial training and motivation for learning in medical school on subsequent academic achievement. The results of the research group of the authors G. S. Kemelova, Tuleutayeva S. T., D. B. Aimbetov, Isataeva S. J., Garifullina R. published an article "Assessment dentistry student's performance in emergency care" in Norwegian journal of development of the international science, Vol.1, №18, 2018. The results of this work were presented in the form of recommendations at the meetings of UMO Rums on medical specialties.

On the basis of a systematic analysis of educational achievements, the planning of the EP is carried out. Examples: introduction of module of discipline "Pathology of the oral cavity" in the framework of integrated education; introduced discipline "the Patient and society" for the achievement of competence "Research".

Independent evaluation of educational, scientific, pedagogical, medical, social activities of NCSC "MUK" by independent agencies (Independent Agency of accreditation and rating <http://www.iaar.kz/ru/rejting/rejting-vuzov-2017>), Independent Kazakhstan Agency for quality assurance in education (<https://IQAA.kz/rejting-vuzov/rejting-vuzov-kazakhstan-2017/natsionalnyj-rejting-meditsinskikh-vuzov-kazakhstan>)) showed that the University consistently occupies a leading position in these rankings. As part of the rating assessment by the Republican center for health development of medical universities, research institutes, scientific and national centers of Kazakhstan, NAO "MUK" took the 1st place in this rating, which it has been continuously taking for three years (http://www.rcrz.kz/files/rejting_vuz_2017.pdf).

Every year "job Fair" is held in NCSC "MUK". In 2017, the fair was attended by 196 representatives from 176 organisations of Akmola, Atyrau, Zhambyl, Karaganda, Kostanay, Mangistau, Pavlodar, North Kazakhstan regions (<http://www.kgmu.kz/ru/news/view/2136>); in 2018 - 270 representatives from more than 220 medical organisations from South Kazakhstan, Zhambyl, North Kazakhstan, Karaganda, Pavlodar, Akmola and Kostanay regions and from the cities of Almaty and Nur-Sultan (<http://www.kgmu.kz/ru/news/view/2795>).

Highly qualified graduates of NCSC "MUK" are in demand in the labor market, which confirms the high rate of employment in 2016– 95.8%, 2017 - 100%, 2018 - 90.55%. In 2019, the employment is carried out on the platform Enbek.kz

Analytical part

Development, approval of OP, organisation and conduct of the educational process, achieving the final results of training students, analysis of the results of external and internal audit of educational programmes and the educational process at the University, analysis of feedback data from all participants of the educational process and stakeholders meets the

requirements of stakeholders, taking into account changing expectations and circumstances, changes in

Strengths/best practices for the EP 5B130200 “Dentistry”

The strengths include:

- high demand for graduates in the labor market;
- high proportion of employed graduates of the programme;
- availability of the monitoring system of EP with the goal of continuous improvement;
- availability of Academic policy of the University and internal audit Service;
- involvement of stakeholders in the process of monitoring the EP;
- 1st place in the rating of NCE "Atameken" EP in the specialty "Dentistry»;
- availability of systematic analysis of the results of the EP;
- availability of effective methods for monitoring the quality of teaching.

EEP recommendations for the EP 5B130200 “Dentistry”

There are no recommendations for this standard.

Conclusions of the EEP on the criteria:

Strong – 21

Satisfactory – 0

Suggest improvements – 0

Unsatisfactory – 0

6.4 Standard «Students»

The evidence part

The procedure for admission of students to the NCSC "MUK" is carried out on the basis of "Standard rules for admission to the organisation of education, implementing educational programmes of higher education", approved by the Government of the Republic of Kazakhstan on January 19, 2012 № 111 (as amended).

Admission of citizens to training programmes of vocational education NCSC "MUK" is carried out on their applications on a competitive basis in accordance with the points of the certificate issued by the results of the unified national testing (hereinafter – UNT) or comprehensive testing (CT).

Admission policy, including a clearly established position on the selection process of students, is described in the Academic policy of the University for the 2018-2019 academic year.

The Academic policy of the University for the 2018-2019 academic year presents the conditions of the competition for educational grants, as well as enrollment in the students of the state educational order for children left without parental care, disabled groups I and II, persons equated with benefits and guarantees to war veterans and war invalids, disabled children from childhood, disabled children, which according to the conclusion of medical and social examination is not contraindicated training in the relevant educational institutions. The competition is held according to the approved quotas of the total amount of the approved state educational order among these categories.

At the University transfer of students from other programmes and medical educational institutions is carried out in accordance with the Law "On education", Orders of the Ministry of education "On approval of the rules of the NGO of appropriate types", "Rules of the educational process on credit technology training", the Rules of labor (internal) regulations of NAO "MUK", the Order of the Minister of education and science of the Republic of Kazakhstan dated January 20, 2015 № 19 "On approval of the Rules of transfer and restoration of students by types of

educational institutions" with changes and additions, Order of MES № 601 dated 31.10.2018., Order of MES of 18.03.2008 "On approval of the Standard rules of the current monitoring of progress, intermediate and final certification of students for secondary, technical and vocational, post-secondary education" with additions and changes from 25.09.2018 g № 494.

On the website and portal of the University in the tab "Education – Student – job Fair – Graduate" provides information about the needs of medical personnel, given contacts – health Departments of all regions of Kazakhstan, Departments for the protection of consumer rights of cities and regions, the Department for the protection of consumer rights in transport and Department offices, National centers of expertise of cities and regions, in order to independently search graduate employment options.

The UNIVERSITY annually provides information on graduates and data on rural quotas to potential employers. From 2015 to 2018, the clinical Department organises meetings with employers to conclude a contract for employment and tuition fees for students studying on a paid basis. Currently, jobs from organisations of health care provided to the electronic labour exchange Enbek.kz.

Advising students on the choice of electives is based on the creation of catalogs of elective disciplines in the specialty. Catalogs of elective courses are updated annually and are available to students at elective.kgmu.kz, as well as on paper in the library and deans/schools. Elective disciplines help the student to form an individual educational trajectory taking into account the needs of practical health care.

The University has a service center for students, a Department for work with young people, which are structural units that implement the state youth policy, civil-Patriotic, legal, moral, professional, aesthetic, ethno-and multicultural education of students under the guidance of the adviser of the public relations service of NCSC "MUK" Professor V. B. Molotov-Luchansky. The University provides support to students, focused on social, financial and personal needs, allocates appropriate resources for social and personal support.

According to the Strategic plan of NCSC "MUK" support of students on social issues is provided. The degree of provision of students to hostels corresponds to sanitary and epidemiological norms and rules. Students living in dormitories are provided with furniture, soft equipment, washing machines, stationary refrigerators in each room, showers, electric stoves in the living rooms of each floor. All dormitories have Assembly and/or reading rooms for cultural events and independent work of students. In the halls, rooms have Wi-Fi access with unlimited access to the internet. The dormitories have gyms or dance classes for sports and Amateur activities.

Students-orphans, studying on a paid basis, reduced tuition fees by 50%, the children of employees – by 20%.

The University management provides financial support to students traveling under the academic mobility programme to participate in student scientific conferences, sports competitions and competitions. Students of NCSC "MUK" have the opportunity to purchase tickets to the recreation area "Medic" Karkaralinsk and Topar with 50% discount. The University annually allocates financial resources to provide material support to students in need.

The University has a catering plant that combines canteens and buffets, a consumer service plant that provides Laundry services for dormitories and academic buildings, as well as tailoring special clothing for employees and students.

To help students with social and personal problems, there is a psychologist's office at the Department of human resources management. On the portal you can sign up for psychological trainings.

To support students, the University administration has created a sufficient material,technical and social base. Departments of the University are equipped with modern computer equipment, projectors, laptops, printing and copying equipment, scanners. Each student has his or her own personal identification number and password to log in and work on the internet. Due to the transition of the University to unlimited Internet, the services are

provided without traffic restrictions. In the buildings of NCSC "MUK" there is Wi-Fi-access to the Internet.

Benefits for students are allocated within the limits established by law. For students belonging to the category of orphans, the University applies a system of benefits in the form of free re-passage of the discipline in cases of academic debt, the appointment of benefits for food, free accommodation in a hostel. Students on a paid basis according to the results of the interim certification can apply for a scholarship of the rector of NCSC "MUK", which is approved by the decision of the Academic Council of the University. Since 2019, grants of local Executive bodies (m & E) have been officially introduced in the Republic of Kazakhstan, which are awarded on a competitive basis by akimats.

Consultation of students on the problems connected with a state of health, prevention of diseases, definition of dispensary groups and groups for occupations by physical culture is carried out by qualified specialists from among the faculty of clinical departments in the Clinical diagnostic center of NCSC "MUK".

The University has a system of representation of students in all Advisory bodies. Created and actively working Student Republic "Samruk" – a representative body of student self-government, the tasks and content of activities, which includes the provision of assistance to the leadership of the University in the conduct of educational, educational and youth policy.

Actively working the local Committee "of the Association of medical students of Kazakhstan "of kazmsa" is a non – political non-profit organisation designed to provide insight to future doctors about the goals of global health. "KazMSA" activities are aimed at protecting the rights of people with disabilities, AIDS prevention, early detection of cancer

KSSU school of dentistry – a student government body that assists the management of the University in the educational, educational and youth policy. KSSU dormitories are designed to solve the problem of improving the lives of students living in hostels, and are a body of student government in the implementation of the State youth policy in the field.

During the period 2015-2018, students of the specialty "Dentistry" performed 35 research works, published 14 works at the national and international level, presented 20 reports in Russian and English, 17 students participated in competitions, 11 of them were awarded diplomas for the occupied 1, 2, 3 places at the University, national and international level. The project "Best student" in 2018 is recognised Garifullina, R. R., 5th year student, Ileulova M. S., 4th year student, held "Jas Kyran". In 2018 Intern Karatas And became the winner at the institutional level and the Republic contest among students conducted by the company Dentsply Sirona.

Analytical part

The Academic policy of the University presents the policy of selection of students in accordance with the mission of the University, the educational programme and the desired quality of graduates. For applicants for paid training specialty "Dentistry" additionally conducted multiple mini-interviews, which are aimed at determining the ability to learn, creative activity, critical thinking and personal qualities of the applicant. In order to ensure compliance with the uniform requirements and resolution of disputes in the evaluation of test items (questions) and exams in subjects, protection of the rights of applicants to the curriculum of technical and vocational education NCSC "MUK", created the appeal Panel.

The University trains qualified personnel for medical organisations in Kazakhstan and reviews the number of students on the state order and on a fee basis, respectively, available resources for the training of future medical professionals through consultation with stakeholders. The UNIVERSITY annually provides information on graduates and data on rural quotas to potential employers.

Strengths/best practices for the EP 5B130200 “Dentistry”

- Own policy and system for admission and selection of applicants
- Formulated academic policy of the University for students

- Selection of NCSC MUK as an educational institution by applicants
- Ability to select an individual learning path
- Availability of a unified rating system for assessing students' knowledge and skills
- Availability of a system of employment of graduates with subsequent 3 - year monitoring
- Availability of environment for harmonious and comprehensive development and growth of students
- Availability of a support system for students

EEP recommendations for the EP 5B130200 "Dentistry"

There are no recommendations for this standard.

Conclusions of the EEP on the criteria:

strong – 16

satisfactory – 0

suggest improvements – 0

unsatisfactory – 0

6.5 Standard «Assessment of students»

The evidence part

The policy and procedure of assessment of educational achievements of students in NCSC "MUK" is carried out in accordance with the objectives of the EP, the final results of training within the current rating system and monitoring of the educational process, in accordance with the directives, regulations of the MES, MOH RK and internal regulations of The academic policy of NCSC "MUK" ("Regulations on the system of assessment of students' progress. Policy of transfer from course to course", "Regulations on interim certification.", "Regulations on final certification of students").

To determine the degree of development of students EP, focused on achieving the end results of training and development of competencies, conducted ongoing monitoring of progress, intermediate and final certification, progressive testing.

As we move from one level of training to another, the share of standardised assessments and methods of assessment in the "workplace" increases. When choosing the control of educational achievements in the disciplines of General education, the basic component of the most commonly used methods of evaluation are testing, oral examination, written control. In major disciplines - on the 4th course - 2 - stage examinations (I stage – testing, II stage – certification of practical skills), in internship - 2 - stage examinations (I stage – testing II stage – certification of practical skills, III – portfolio assessment), including several assessment methods, which allows to fully assess the development of competencies of students. OSCE, as the most reliable method of assessing the achievements of students, is carried out at the 4th and 6th year students.

When developing the materials of the final control from course to course, an increasing approach is used in assessing the level of development of the final results of training, the transition from the assessment of knowledge to the assessment of understanding, application, analysis and synthesis of information, attitude to professional activity. Thus, in the development of tests at the undergraduate level, the share of test questions 1,2,3 level is 30%, 40%, 30%, while the internship provides a higher proportion of questions 2 and 3 cognitive level (10%, 45%, 45%), which allow you to evaluate not only the knowledge of students, but also the level of their logical thinking, the ability of practical application of theoretical knowledge in various clinical situations.

At the end of the discipline AIS "Platon" forms a statement of assessment rating admission. The assessment of the admission rating consists of the assessment of the current monitoring of progress, assessment of midterm control and evaluation of SRO. The rating of admission is 60% of the final assessment of knowledge of the discipline. The office-Registrar records educational achievements of students, provides the organisation of all types of final control and calculation of the academic rating of students, takes into account and accumulates the number of hours for all students throughout the period of study. The student is allowed to the exam subject to the curriculum of the discipline. According to the results of the exam are displayed assessment of disciplines. Grades for disciplines are put on electronic sheets in the Plato system on the day of the examination, except for written examinations, the results of which must be submitted within 3 days.

Transparency and availability of estimation procedures that provided free access to regulatory documents related to the educational process, as well as the teaching materials, the syllabus, schedule of exams, test and measurement tools (questionnaire final control) of all the stakeholders – teachers, students, office of the Registrar via AIS "Platon", the student portal (<https://kgmukz.sharepoint.com>), a portal for collective use of KSMU (<https://portal.kgmu.kz>).

At the end of the school year on the basis of the interim certification order of the Rector of the transfer of students from course to course on the basis of achievement of transferable points – GPA level ("Regulations on the rating system of assessment of student performance").

IGA is held at the end of the 5th course with the academic degree "bachelor of medicine" and the 6th course - with the qualification "Dentist General practice". To OSCE allowed students who have completed the educational process in accordance with the requirements of RUE and OP. IGA in NCSC "MUK" is carried out in the terms provided by the academic calendar and RUP specialties in the form of a comprehensive exam, which is held in one stage for students of the 5th year and two stages for students of the 6th year: I stage – testing, II stage – certification of practical skills for OSE. The first stage of interns is held within the framework of independent examination of graduates by the National center for independent examination. During the IGA, the graduate must demonstrate knowledge of the competencies mastered in the process of training for this educational programme.

The content of materials for various forms of control of educational achievements is focused on the evaluation of the final results of training in the discipline/module, which is provided by the organisation and planning of evaluation at the level of the Department, AK, AC and US. The materials for the intermediate certification pass the internal examination, the OSCE – external examination. As external experts are representatives of practical health, assessing the content of control materials (tests, list of questions, etc.) for the effectiveness of the METHODS used to assess the skills of the graduate, his relationship to practice, professional competencies.

In NCSC "MUK" the system of control and evaluation of educational achievements of students in the specialty "Dentistry" is diverse. To measure the achievements of students using various methods of evaluation (oral survey, written exam, essay, testing, mini-clinical, clinical exam, observation, assessment of patient management, 360°- assessment portfolio).

In order to improve the competence of the teaching staff of NCSC "MUK" in the field of evaluation, the methodology of evaluation, its planning and organisation, examination included in the cycles of professional development of teachers ("Effective teacher", "Evaluation of students"), held at the Center of transfer of innovative technologies of NCSC "MUK". Teaching staff has the opportunity to improve their pedagogical skills in the framework of training in other educational institutions, including abroad, participating in conferences on medical education at the international level.

Analytical part

At the University, the assessment of students' knowledge in the specialty "Dentistry" is considered as a process of collecting information to make judgments about the degree and nature of the success of the student's progress towards the achievement of prisoners in the standard

requirements for his future activities as a doctor. In order to achieve the final results of training, the interrelations between competence, training and evaluation are established, reflected in the RP, syllabuses in the disciplines of the specialty. The development of the strategy the evaluation of the final learning outcomes provides a solution to management issues such as training of faculty, conducting the evaluation, development, procedural documentation to ensure uniformity and comparability of the obtained results regardless of where and what methods were evaluated.

Strengths/best practices for the EP 5B130200 “Dentistry”

- Availability of own policy of evaluation of educational achievements of students
- The presence of a rating system for assessing the achievements of students
- Implementation of effective evaluation methods focused on learning outcomes
- Adherence to the principles of academic integrity

EEP recommendations for the EP 5B130200 “Dentistry”

It is recommended to introduce the technology of psychometric analysis in terms of determining the reliability and validity of evaluation methods, in particular, test technologies.

Conclusions of the EEP on the criteria:

strong – 14

satisfactory – 1

suggest improvements – 0

unsatisfactory – 0

6.6 Standard «Academic staff/faculty»

The evidence part

Human resources management at the University is carried out in accordance with the Personnel policy of KSMU, approved by the decision of the Academic Council of KSMU (Protocol No. 9 of "29" March 2018). Its purpose is the effective management and development of the human capital of the University, maintaining the optimal level of numerical and qualitative composition of employees, their professional and social development, as well as a reasonable combination of processes of renewal and preservation of personnel capable of a high professional level to ensure the solution of strategic objectives set for the University.

The list of positions is determined by the Order of the Minister of education and science of the Republic of Kazakhstan dated January 29, 2016 № 123 "On approval of the Register of civil servants in the field of education and science".

To maintain the balance of teachers of General, basic and clinical disciplines, academic staff and teaching support staff in the preparation of the staffing of the University is guided by the following provisions:

- the following ratio of the volume of disciplines is established: General subjects - 20%, basic disciplines - 55%, profile disciplines - 29%. (according to the state compulsory standard of higher education in the specialty 5B130100 "General medicine" (Annex 5-7 to the order of the acting Minister of health and social development of the Republic of Kazakhstan dated July 31, 2015 № 647).

- the ratio of students/teachers 6:1 (Order of the Minister of education and science of the Republic of Kazakhstan dated October 31, 2018 № 606: "On approval of the average ratio of the number of students to teachers to calculate the total number of teaching staff of organisations of higher and (or) postgraduate education, with the exception of military, special educational institutions, educational organisations in the field of culture").

- the share of teaching and support staff is established based on the ratio of the given contingent of students per 1 employee of the UVP: 27/1 (Order of the acting Minister of

education and science of the Republic of Kazakhstan dated August 7, 2009 № 374 "On approval of financial standards for higher and postgraduate education»

- set the average annual teaching load of teaching staff according to the decision of the Academic Council of KSMU from 27.08.2018 g. (Protocol №1)

The University has rules of competitive replacement of positions of the faculty and researchers of KSMU (from August 27, 2018), developed in accordance with the Order of the Minister of education and science of the Republic of Kazakhstan dated April 23, 2015 № 230 "On approval of the Rules of competitive replacement of positions of teaching staff and researchers of higher educational institutions" and the order of the Minister of education and science of The Republic of Kazakhstan dated June 26, 2017 № 305 "On amendments and additions to the order of the Ministry of education and science of the Republic of Kazakhstan dated April 23, 2015 № 230 "On approval of the Rules of competitive replacement of positions of teaching staff and researchers higher educational institution."

In order to improve the personnel policy since February 2019, the University has been developing new qualification requirements for the teaching staff and introduced the following categories of teaching staff: Professor, associate Professor, assistant Professor, tutor (teacher), teacher/assistant, teacher/assistant trainee, clinical mentor.

The main methods of assessment is the achievement of indicators of the activities of the Department (the Position on the ranking of the Department and the evaluation of the teaching staff of KSMU December 28, 2017), certification of the teaching staff, the assignment of a pedagogical category, the contest "Best in profession" for the faculty of clinical departments, questioning of students "Teacher by eyes of students", regular meetings of the rector with Department staff. The University is guided by the system of corporate values in relation to the personnel policy. The University has implemented a system of performance management (CSE), which aims to support employees in realising their maximum potential for the benefit of both the employee and the University as a whole.

In "regulations on remuneration of KSMU" (from 25.01.2018 g) indicated that the source of funds allocated for labour remuneration, including incentive compensation and a social nature, is a single payroll, which is formed from the budgetary Finance of RK, income from the provision of paid services. The size of the wage Fund of the University is annually approved by the Ministry of health of the Republic of Kazakhstan (development Plan for the current financial year).

All teachers who implement the educational programme in the specialty 5B130200 "Dentistry" at the departments have the necessary basic education.

In the formation of training groups by the decision of the Academic Council of KSMU established the following occupancy groups (Minutes of the meeting №9 from 24.05.2018 g):

1 course – 14 - 15 people

2 course – 12 - 14 people

3 course – 10 - 12th man for England. groups occupancy 12-14 people

4 course – 8 - 10 people for English. group occupancy 12 (maximum)

5 course – 7 - 9 people

6.7 course – 6 - 7 people (On approval of the Regulations on internship. Order No. 452 of the Minister of health of the Republic of Kazakhstan of 16 June 2010).

Analytical part

The University has a system of performance management PPP, which provides at the beginning of each academic year, the formation of a plan for personal growth, including professional. The plan is monitored by a mentor during the academic period with analysis of problems and improvements. Teachers' participation in professional development programmes is reflected in individual plans and reports of the teaching staff, monitored within the Department control and personnel management Department. Training and professional development of the teaching staff is mainly carried out through specialised courses and internships in leading

universities and enterprises of Kazakhstan and abroad, as well as conferences, workshops and seminars, remote webinars. that the educational process at the University is carried out on the basis of innovative learning technologies, Informatisation and computerisation of the entire learning process, improvement of traditional teaching methods, creation and continuous replenishment of the Fund of electronic learning tools. The results of the introduction of innovative forms of education are discussed at meetings of departments, Advisory bodies, scientific conferences.

In addition, the evaluation of the quality of teaching and methodological level of teachers is carried out through the analysis of the results of examination sessions, control sections of knowledge, final exams.

Strengths/best practices for the EP 5B130200 “Dentistry”

- A System for the performance management of staff
- Availability of a rating system for the evaluation of PPP activities
- Established a system for assessing the competence of teachers
- Availability of effective programme of pedagogical and professional qualification improvement
- Availability of effective system of motivation and stimulation of PPP
- Compliance with the principles of corporate culture

EEP recommendations for the EP 5B130200 “Dentistry”

- To regulate and implement mechanisms for compliance with the ratio of teaching staff: students depending on the course of study, taking into account the specifics of dental education.
- Increase the number of individual dental work stations in the Center of practical skills.

Conclusions of the EEP on the criteria:

strong – 11

satisfactory – 1

suggest improvements – 0

unsatisfactory – 0

6.7 Standard «Educational resources»

The evidence part

NCSC MUK has sufficient material and technical base for teachers and students to ensure the quality of the educational programme. The total area of NCSC "MUK" is 55 353,4 m², including 5 academic buildings, according to the contract with the clinical bases of NCSC "MUK", which are provided to the operational management with fixing on the right of gratuitous use. The data of the classroom Fund show that the average estimated area per student in two shifts corresponds to the existing standards and is more than 6 square meters per student. Own educational resources are located in five academic buildings, with an area of 25 026.8 m², in 2018 completed the construction of an extension with an area of 3037.9 m², which houses: 20 lecture halls, designed for 2457 seats, which are permanently installed modern facilities for multimedia support of lectures; 275 classrooms, designed for 5667 seats and equipped with rigid equipment; 17 computer classes, equipped with thin clients and computers of the last generation for 409 seats connected to the Internet; educational laboratories (biochemical, microbiological); University clinic of NCSC MUK.

- center of practical skills (training) center, CPN, which has 32 rooms with a total area of 1300.6 m², 8 simulation rooms for surgery, internal medicine, obstetrics and gynecology, emergency care, anesthesiology and intensive care, Pediatrics, for a standardised patient. 2

training laboratories for cardiopulmonary resuscitation, intensive care unit, 5 simulation rooms in cardiology, procedural, laparoscopic surgery, ultrasound diagnostics, observation, simulation operating room, debriefing room, 8 classrooms, video surveillance class, 2 classes of interactive teaching methods, triage-sorting room. 3 rooms in the direction of dentistry. CPN is equipped with 415 mannequins, 55 modern high-tech simulators, medical equipment and tools, video equipment, computer equipment, training programmes.

The total area of the library - 1413 m², book storage area - 879.2 m². The number of seats in the reading room is 443. In the structure of the library consists of 2 units: the unit of manning and bibliographies and maintenance unit of the scientific and educational literature (consists of the subscription of scientific literature, two subscriptions of educational literature, a reading hall and periodicals hall, hall of electronic resources, interactive hall).

Sports facilities of NCSC "MUK" with a total area of 2012,5M², which include: games room, gyms (1388,5M²), equipped with special equipment for training: gymnastics, weightlifting, wrestling, ski base, air shooting; football field.

For accommodation students have 6 hostels 2544 beds, 162,9 area of 30 m², halls for recreation, spaces for recreation. There are 2 recreation areas with an area of 3430.3 m².

In educational buildings provide spaces for recreation: ballroom, Lounges with sofas, there is a Museum which includes a coffee machine. There are 1 dining room, 7 buffets, including the buffet "Territory of honesty" that meet the sanitary and epidemiological requirements.

The University on a regular basis develops material and technical support of scientific units, carries out work on accreditation of scientific units, training of laboratory staff in modern research methods. The priority directions of research of the University for 2017-2021 are determined. The share of the University's income in research activities increased 4.5 times compared to 2013. More than 100 memorandums have been signed with foreign partner universities, cooperation in the relevant areas of medical education and science, academic mobility programmes is being implemented. The University has created conditions for the study of foreign languages by the University staff.

Dental clinic NCSC MUK, located on a total area of 2,013. 3 sq. m. The structure of the clinic to provide consultative and diagnostic assistance organised 12 treatment rooms, including 4 treatment and 2 training and clinical rooms in the direction of therapy, 1 treatment and 1 training and clinical room in the direction of orthopedies, 1 room in pediatric dentistry, 1 room in the direction of orthodontics, 2 rooms (emergency and planned assistance) in the direction of surgery, 8 – physiotherapy (1), x-ray (1), washing (1), dental laboratory (4) and 2 training dental laboratories, 1 room for storage of medical devices and dental instruments, 1 room for storage of soft equipment, 1 room for storage of medical waste, 1 room for storage of disinfectants, 7 administrative offices and other personnel; for the organisation of the educational process 1 room of the school of dentistry, 1 room of the head of the Department of dentistry, 5 rooms for teaching staff, 19 classrooms and lecture halls ahhh! Clinical bases of School of Dentistry are also KGP "Regional maxillofacial hospital"; LLP MF "Hippocrates"; LLP "Doctor Stom B"; dental clinic SP Ospanov B. T.; LLP "Clinic of plastic surgery prof. Kurasheva A. G.; LLP "Erdos"; LLP "Estet Dentistry"; LLP "Megadent".

The dental clinic has been operating since 2002. On the basis of the clinic, students and interns are trained in communication skills, skills of outpatient management of patients of dental profile. The structure of the clinic includes treatment rooms in all areas of dentistry to provide Advisory and diagnostic assistance to adults and children.

The qualitative composition of the staff of the dental clinic is characterised by the presence of qualification categories: the share of AUP with qualification categories in the specialty "Public health" is 100%, the share of doctors – 40%, within the sbmp share of doctors - 100%, the share of nurses with qualification categories - 60%.

Qualitative and quantitative composition of the teaching staff of the Department of dentistry is characterised by the presence of teaching staff with academic/academic degree and qualification categories. Currently, of the 24 teaching staff of the Department have a scientific or

/academic degree 14 people, including 1 doctor of medical Sciences, 8 candidates of medical Sciences, 5 with an academic master's degree, with the highest qualification category - 10 people teaching staff. Dental clinic provides services within the guaranteed volume of free medical care and on a paid basis.

As part of the SGBP provides emergency and planned dental care for children under 18 years and pregnant women, orthodontic care for children with congenital diseases of the maxillofacial region. A screening study conducted in 9 school and 3 primary educational institutions, according to the contract saipanese between NAO and MUK too HZ primary care. The average number of visits per day is 50 - 70. In 2018, the number of admitted patients was 17 086, of which the teaching staff of the Department of dentistry – 6 393. In 2018, 34 697 services were provided, including the staff of the Department of dentistry – 5 851. Clinical training of students and interns is conducted at 57 clinical bases of the University and on the basis of its own clinics. The material and technical base and equipment of clinical bases allows to master practical skills according to requirements of SES and EP in the specialty. Clinical facilities are equipped with modern equipment, where students learn practical/clinical skills necessary within the specialty.

The material and technical base of clinical departments is equipped at the expense of funds of NCSC "MUK" on the basis of annual applications for the purchase of equipment, tools and medical devices. For effective work with students clinical departments have computers, laptops, printers, multimedia projectors, projection screen, flip charts, etc., annually carried out systematic work to strengthen the material and technical base.

Analytical part

NCSC MUK has sufficient material and technical base for teachers and students to ensure the quality of the educational programme. For a number of years, the clinical bases have been working step by step, aimed at solving the problems of ensuring the safety of patients, students, medical staff of institutions. The University regularly updates, expands and strengthens the material and technical base, contributing to the development in the practice of training. Purchase of the necessary equipment is carried out centrally on the basis of annual applications submitted by the departments at the end of the calendar year. The procurement process is aimed at maintaining the educational environment and providing the necessary resources and conditions to ensure their compliance with modern technologies in training.

Strengths/best practices for the EP 5B130200 “Dentistry”

- The presence of a University clinic and a private dental clinic
- Expansion and updating of educational and material assets of departments and divisions of the University, educational and clinical (training) center, educational and research laboratories
- Increasing the number of clinical bases to ensure quality clinical training of students
- Availability of qualified PPP
- Availability of the Institute of clinical mentors
- Developed IT infrastructure
- Sufficient library stock, including information databases and electronic library systems
- Wide access of teachers and students to a unified system of information and library services for the implementation of the educational programme

EEP recommendations for the EP 5B130200 “Dentistry”

There are no recommendations for this standard.

Conclusions of the EEP on the criteria:

strong – 31

satisfactory – 0

suggest improvements – 0
unsatisfactory – 0

6.8 Standard «Governance and administration»

The evidence part

The structure of University management is determined in accordance with the needs for training with higher and postgraduate medical education by creating the necessary conditions for the development of educational programmes aimed at professional development and personal development based on the achievements of science and practice.

The structure of the University b/20 (management Structure of RSE on PCV “Karaganda state medical University” from 12.09.2018) is determined in accordance with the mission, goals and objectives, process map, historical aspects of the University.

Since January 28, 2019 Karaganda state medical University (hereinafter KSMU) was reorganised into a non-profit joint stock company "Medical University of Karaganda" (hereinafter NCSC "MUK"), in connection with obtaining a new legal status was revised and developed a new management structure of the University, which will be submitted for approval to the Board of Directors of NAO MUK.

The top management of the University includes: rector of NCSC MUK, Executive Director, first Vice-rector (Provost), administrative Director, Vice-rector for educational and methodical work, Vice-rector for strategic development, science and international cooperation, Vice-rector for clinical work and continuous professional development.

On the organisation and implementation of the educational process, the functioning of the OP Dean's office of the School of dentistry, the CPC and the Department interact with the Vice-Rector for educational and methodical work and Advisory bodies and units supervised by the Vice-rector of this – AC, DAR, CPN, CTIT, library, Department for work with young people; on the organisation and conduct of research, scientific training, preparation of publications, etc. – with Vice-rector for strategic development and international cooperation and his supervised units and bodies – NES, Department of strategic development and international cooperation, Department of management of scientific activities, SIC, Department of scientific editing, Committee on bioethics, Committee for control of clinical trials; on the organisation of professional practices, interaction with databases, employment of graduates – with the Vice-rector for Clinical work and NDP (supervised units and councils – Clinical Council, employers' Council, Department of clinical training and employment of graduates, MC).

The Dean's office of the School of dentistry and the Department for the provision of the educational process and research work with human and material resources interact with the Vice-Rector for organisational and economic Affairs, who oversees such units as DEF, DUCRE, ogz, legal Department, student service center, DER.

To provide an opportunity for students to participate in the discussion of training problems and make proposals for the implementation of the OP, improve the learning environment on the official website there is a blog of the rector, students regularly meet with the rector and Vice-rectors. Also, discussion on student life is possible in social networks. The Official accounts presented by the University :

1. www.instagram.com/OFFICIALKSMU
2. www.vk.com/OFFICIALKSMU
3. www.facebook.com/OFFICIALKSMU
4. www.twitter.com/OFFICIALKSMU

Students in the specialty "Dentistry" are involved in the development of EP through participation in the discussion of EP (part of the CPC), using survey methods to assess the quality of implemented programmes, the degree of satisfaction with the educational services

provided, the organisation of various types of work, etc. the Data obtained from the survey are used to improve the EP and the processes of their implementation.

The Dean's office of the School of dentistry and administrative structures of the University regularly hold meetings and meetings with students, which also discuss various issues related to training, the work of the student support service, etc.

Resources for the implementation of OP in the specialty "Dentistry" meet the standards for calculating the cost of training of one student in higher education institutions of the Republic of Kazakhstan on the state educational order. Financing of the bachelor's programme in the specialty "Dentistry" is carried out in accordance with the regulatory documentation.

Sources of funding are budgetary and extra-budgetary financing (state educational order, income from the provision of paid educational services, research and other works that do not contradict the law, international funds, organisations, grants, etc.).

Analytical part

Management of NCSC "MUK" is determined by the developed management Structure, which is updated as necessary, which ensures the efficiency of the University as a whole and the implementation of mechanisms for improving the OP.

Representatives of the Ministry of Health, NARROW, non-governmental organisations were included in the composition of the Supervisory Board (2016-2018rr.), from 2019 on the Board of Directors. Representatives of practical health care (Chairman of the public health Committee, Directors and Deputy Directors) and the public are members of the Clinical Council of the University.

Transparency of the management and decision-making system is ensured by the participation of faculty, staff, students and other stakeholders to the discussion and decision-making, which is reflected in the minutes of meetings of Advisory bodies, followed by bringing to the attention of all employees of the University by publishing in newsletters, posting on the website of the University, inclusion in the protocols for review and execution.

According to the structure, the main structural units involved in the direct implementation of the EP, is the School of dentistry (Department, Dean's office) and training departments. For the effective functioning of all the structures designed by the related Provisions defining the interaction between different departments, including on the implementation of EP.

Strengths/best practices for the EP 5B130200 "Dentistry"

- Availability of collegial management of the University
- Relevant University Structure
- Effective University management system
- The presence of a system of monitoring the activities of the University in order to improve the quality of the educational programme
- Functioning of an effective quality management system
- Effective financial management of the educational programme Improvement of information and communication system of management and administration

EEP recommendations for the EP 5B130200 "Dentistry"

Provide the School of dentistry with sufficient autonomy in the allocation of resources, including adequate remuneration of teachers in order to achieve learning outcomes.

Conclusions of the EEP on the criteria:

strong – 16

satisfactory – 1

suggest improvements – 0

unsatisfactory – 0

6.9 Standard «Continuous improvement»

The evidence part

NCSC "MUK", as a dynamic and socially responsible institution, initiates procedures for regular review and review of the structure and functions. The process of improvement and improvement is confirmed by the updating of the management structure and the strategic development plan (SPD) of the NCSC "MUK". For the period from 2016, the governance Structure of the University with the updated version OF/16 (from 01.09.2016) to the version OF/20 (from 12.09.2019). Currently, the version OF/21 is approved in connection with the reorganisation of the NAO MUK on the basis of the government Of the Republic of Kazakhstan dated October 16, 2018 № 646, certificate of state registration of a legal entity dated January 28, 2019.

Strategic plan development (bpd) from 2016 has also been updated (from SPR 28.12.2016 to 2017-2021гг; SPR from 28.08.2017 to 2017-2021гг; 26.10.2017 from SPR; SPR from 03.05.2018 gg.). The latest version of the SPR developed in connection with the reorganisation is under approval of the MOH.

Actualised and composition of the Supervisory Board of KSMU in 2016 twice (Order of Minister of Ministry of healthcare of the RK №240 from 28.03.2016 and No. 322 of 25.04.2016), according to the latest member of the Supervisory Council of KSMU introduced Vice Minister of the Ministry of healthcare of Kazakhstan Birtanov E. A.

Internal quality assessment of the main and supporting processes is carried out during internal audits for compliance with the requirements of legal documents on the processes. In addition, every year the heads of educational programmes, departments involved in the implementation of the educational process, provide information on the implementation of planned activities at meetings of various Advisory bodies, which is reflected in the protocols (US, Academic Council, CPC, etc.).

The result of the revision of the structure and function is the updating of the Supervisory Board, the creation of the Governing Council, academic schools, departments, joint educational programmes with the University of Lund (Sweden), Simane (Japan), Porto (Portugal), Milan (Italy), the Higher school of management of Barcelona (Spain); attracted top managers; internationalisation and partnership with Kazakh and foreign universities; international projects Erasmus+ (Training to avoid medical errors (TAME) (2015-2018) and the Transition to University autonomy in Kazakhstan (TRUNAK)(2015 – 2018). 2017-2020); international recruiting (visiting Professor); transition to a non-profit joint stock company according to the Decree of the Government of the Republic of Kazakhstan dated October 16, 2018 № 646; assignment of the status of Research University of NAO "Medical University of Karaganda" and approval of the development Programme for 2019-2023.

The University has clearly worked out the control of the process of providing structural units of the University with material, technical and information resources (allocation of resources, office equipment, facilities, creating comfortable conditions, etc.) on the basis of the interaction of units, under the leadership of the University administration, which decides on the priorities, feasibility and amount of necessary resources.

For the period 2016-2018, 89 143 777 tenge was allocated for the purchase of equipment for the improvement and development of diagnostic services - installation of x-ray dental (tomograph) Planmeca ProMax 3D, production of Finland in the amount of 47 346 000 tenge, radiographic equipment (visiograph) Planmeca Rgoh, production of Finland in the amount of 4 197 777 amount, to improve the quality of dental care equipment for the dental office in the set, production of Russia and Japan in the amount of 37 600 000 tenge.

Professional practice students 5B130200 – "Dentistry" held after hours at 57 clinical sites, including dental clinics.

Analytical part

NCSC "MUK", as a dynamic and socially responsible institution, initiates procedures for regular review and review of the structure and functions.

The management structure reflects the features of NCSC "MUK": the presence of coordination and integration mechanisms on the part of senior management, hierarchical authority within the University, the interaction of departments and staff responsible for the main and support processes, the process of monitoring, analysis and improvement, the formation of information flows for decision-making on management.

The University as a University, ready and open to change, conducts a professional strategic analysis of changes in its internal and external environment (requirements and expectations of stakeholders) and develops approaches to improve and improve the activities of the University. The University plans and applies the processes of monitoring, measurement, analysis and improvement necessary to demonstrate compliance with the requirements of the legislative framework of the Republic of Kazakhstan, the requirements and expectations of stakeholders to the quality of education, the quality of knowledge of graduates.

The University has clearly worked out the control of the process of providing the structural units of the University with material, technical and information resources (allocation of resources, office equipment, facilities, creating comfortable conditions) on the basis of the interaction of units, under the leadership of the University administration, which decides on the priorities, feasibility and amount of necessary resources.

Strengths/best practices for the EP 5B130200 "Dentistry"

- Implementation and monitoring of strategic and Operational plans
- Systematic analysis of the internal and external environment of the University with the decision to improve
- Regular monitoring of the educational programme in order to improve the quality of the educational process
- Improvement of organisational structure and management principles
- Systematic external evaluation of the University

EEP recommendations for the EP 5B130200 "Dentistry"

To consider the mechanisms of increasing the level of teaching staff, including through the training of scientific and pedagogical personnel on the system of their own educational grants.

Conclusions of the EEP on the criteria:

strong – 14

satisfactory – 1

suggest improvements – 0

unsatisfactory – 0

(VII) REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD

For the EP 5B130200 "Dentistry":

Standard "Mission and outcomes"

- The mission and vision of the University is consistent with the strategic documents
- The presence of the University approved Policies in the field of quality;
- Compliance of OP objectives with the strategic development plan and mission of the University;
- High demand for graduates in the labor market;
- Developed in the University regulatory documents for all activities that determine the responsibility for the implementation of OP (Regulations, instructions);
- High institutional rating of the University and educational programme in the specialty "Dentistry»;
- The presence of institutional autonomy in the development of educational programmes in the specialty "Dentistry".

Standard "Educational programme"

- Availability of a comprehensive educational programme that meets the requirements of the modern labor market, taking into account the needs of society and the health care system
- High level of methodological support of the educational programme
- The presence of the competence approach in the training of graduates
- Availability of student-centered learning
- Continuous improvement of teaching and learning methods
- Wide involvement of employers in the development of the educational programme

Standard "Programme Evaluation"

- High proportion of employed graduates of the programme
- Availability of the monitoring system of EP with the goal of continuous improvement
- Availability of Academic policy of the University and internal audit Service
- Involvement of stakeholders in the process of monitoring the EP
- First place in the rating of NCE "Atameken" OP in the specialty "Dentistry»
- Systematic analysis of EP results
- Effective methods of monitoring the quality of teaching.

Standard "Students"

- Own policy and system for admission and selection of applicants
- Formulated academic policy of the University for students
- Ability to select an individual learning path
- Availability of a unified rating system for assessing students ' knowledge and skills
- Availability of a system of employment of graduates with subsequent 3 - year monitoring
- Availability of environment for harmonious and comprehensive development and growth of students
- Availability of a support system for students

Standard "Assessment of students"

- Availability of own policy of evaluation of educational achievements of students
- The presence of a rating system for assessing the achievements of students
- Implementation of effective evaluation methods focused on learning outcomes
- Adherence to the principles of academic integrity

Standard “Academic staff/faculty”

- A system for the performance management of staff
- Availability of a rating system for the evaluation of PPP activities
- Established a system for assessing the competence of teachers
- Availability of effective programme of pedagogical and professional qualification improvement
- Availability of effective system of motivation and stimulation of PPP
- Compliance with the principles of corporate culture

Standard "Educational resources”

- The presence of a University clinic and a private dental clinic
- Expansion and updating of educational and material assets of departments and divisions of the University, educational and clinical (training) center, educational and research laboratories
- Increasing the number of clinical bases to ensure quality clinical training of students
- Availability of qualified PPP
- Availability of the Institute of clinical mentors
- Developed IT infrastructure
- Sufficient library stock, including information databases and electronic library systems
- Wide access of teachers and students to a unified system of information and library services for the implementation of the educational programme

Standard “Governance and administration”

- Corporate governance of the University
- Effective University management system
- The presence of a system of monitoring the activities of the University in order to improve the quality of the educational programme
- Functioning of an effective quality management system
- Effective financial management of the educational programme
- Improvement of the information and communication management and administration system

Standard "Continuous improvement”

- Implementation and monitoring of strategic and Operational plans
- Systematic analysis of the internal and external environment of the University with the decision to improve
- Regular monitoring of the educational programme in order to improve the quality of the educational process
- Improvement of organisational structure and management principles
- Systematic external evaluation of the University

(VIII) REVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT ON EACH STANDARD

For the EP 5B130200 “Dentistry”:

Standard “Mission and outcomes”

There are no recommendations for this standard.

Standard “Educational programme”

- To intensify the process of creation and implementation of joint educational programmes together with partner universities for the implementation of programmes.

Standard “Programme Evaluation”

There are no recommendations for this standard.

Standard “Students”

There are no recommendations for this standard.

Standard “Assessment of students”

- To introduce the technology of psychometric tests in terms of determining the reliability and validity of assessment methods, including test technologies.

Standard “Academic staff / faculty”

- To regulate and implement mechanisms for compliance with the ratio of teaching staff-students depending on the course of study, taking into account the specifics of dental education.
- Increase the number of individual dental work stations in the Center of practical skills.

Standard “Educational resources”

There are no recommendations for this standard.

Standard “Governance and administration”

- Provide the School of dentistry with sufficient autonomy in the allocation of resources, including adequate remuneration of teachers in order to achieve learning outcomes.

Standard “Continuous improvement”

- To consider the mechanisms of increasing the level of teaching staff, including through the training of scientific and pedagogical staff on the system of their own educational grants.

Annex 1. Assessment table "PARAMETERS OF THE SPECIALISED PROFILE" (EP 5B130200 "Dentistry")

№	№	№ .	criterion of estimation	Position of the organisation of education			
				Strong	Satisfactory	Implies improvement	Unsatisfactory
		1.	"MISSION AND OUTCOMES»				
		1.1	The definition of the mission				
1	1	1.1.1	The health education organisation must define its mission and communicate to stakeholders and the health sector.	+			
2	2	1.1.2	The mission statement should contain objectives and an educational strategy to prepare a competent physician/pharmacist at the level of pre-diploma medical education;	+			
3	3	1.1.3	with an appropriate Foundation for a future career in any field of medicine/pharmacy comprising all kinds of medical practice/ pharmaceutical services, pharmaceutical manufacturing, administration and research in medicine;	+			
4	4	1.1.4	able to perform the role and functions of a physician/pharmacist in accordance with the established requirements of the health and pharmacy sector;	+			
5	5	1.1.5	prepared for postgraduate education, including internship, residency, specialisation	+			
6	6	1.1.6	with a commitment to lifelong learning that includes professional responsibility to support knowledge and skills through performance evaluation, auditing, learning from own practices and recognised activities in the NIP/NMO.	+			
7	7	1.1.7	The medical education organisation should ensure that the stated mission includes public health issues, aspects of global health, the needs of the health care system and other aspects of social responsibility reflects major international health issues.	+			
8	8	1.1.8	Medical organisation of education should ensure that the strategic development plan is consistent with the stated mission, objectives of the medical organisation of education and approved by the Advisory Council of the MOE/University.	+			
9	9	1.1.9	Medical organisation of education should systematically collect and analyse information about its activities; assess the strengths and weaknesses of the University (SWOT-analysis), on the basis of which the rector together with the Advisory Council of the University should determine the policy and develop strategic and tactical plans.	+			
10	10	1.1.10	The mission and objectives of the medical organisation of education should correspond to the available resources, capabilities of the medical organisation of education, market requirements and should be defined ways to support them and provide access to information about the mission, the objectives of the medical organisation of education for the public (availability of information in the media, on the website of the University), the mission and objectives of the medical organisation of education are approved by the Advisory Council of the MOE/University.	+			
11	11	1.1.11	The medical education organisation should ensure that the	+			

			mission includes advances in medical research in the biomedical, clinical, behavioral and social Sciences.				
		1.2	Participation in the formulation of the mission				
12	12	1.2.1	The medical education organisation should ensure that key stakeholders are involved in the development of the OP mission.	+			
13	13	1.2.2	The medical education organisation should ensure that the stated mission is based on the views/suggestions of other relevant stakeholders.	+			
14	14	1.2.3	The medical organisation of education should establish permanent mechanisms for monitoring, evaluating and documenting progress in achieving the goals and objectives of the strategic plan, in General, and in particular with regard to pharmaceutical education	+			
		1.3	Institutional autonomy and academic freedom				
			The medical organisation of education should have institutional autonomy to develop and implement policies for which the teaching staff and administration are responsible, especially with regard to:	+			
15	15	1.3.1	development of the educational programme;	+			
16	16	1.3.2	use of the allocated resources necessary for the implementation of the educational programme.	+			
			The medical education organisation should guarantee academic freedom to its employees and students:				
17	17	1.3.3	with regard to the current educational programme, which will be allowed to rely on different points of view in the description and analysis of issues in medicine;	+			
18	18	1.3.4	the possibility of using the results of new research to improve the study of specific disciplines/issues without expanding the educational programme.	+			
		1.4	The end results of training				
			The medical education organisation should determine the expected learning outcomes that students should exhibit after completion, regarding:				
19	19	1.4.1	their achievements at the basic level in terms of knowledge, skills and relationships;	+			
20	20	1.4.2	a suitable Foundation for a future career in any field of medicine and pharmacy;	+			
21	21	1.4.3	their future roles in the health and pharmacy sector;	+			
22	22	1.4.4	his subsequent postgraduate training;	+			
23	23	1.4.5	their commitment to lifelong learning;				
24	24	1.4.6	the health needs of society, the needs of the health system and other aspects of social responsibility.	+			
25	25	1.4.7	The medical education organisation must ensure that the student fulfils the obligations towards doctors, pharmacists, technologists, teachers, patients and their relatives in accordance with the Code of conduct.	+			
			Medical education organisation should:				
26	26	1.4.8	identify and coordinate the relationship of learning outcomes required upon completion with those required in post-graduate learning;	+			
27	27	1.4.9	to determine the results of students ' involvement in research in medicine;	+			
28	28	1.4.10	pay attention to the outcomes related to global health.	+			
			Subtotal	28	0	0	0
		2	EDUCATIONAL PROGRAMME				
		2.1	Model of educational programmes and teaching methods				
29	1	2.1.1	The medical education organisation should define an educational programme that includes an integrated model	+			

			based on disciplines, organ systems, clinical problems and diseases, a model based on modular or spiral design.				
30	2	2.1.2	The medical education organisation should identify the teaching and learning methods used that stimulate, prepare and support students and ensure that students are held accountable for their learning.	+			
31	3	2.1.3	The medical education organisation must ensure that the educational programme develops students ' lifelong learning abilities .	+			
32	4	2.1.4	The medical organisation of education must ensure that the educational programme is implemented in accordance with the principles of equality .	+			
33	5	2.1.5	to provide the possibility of elective content (elective subjects) and to determine the balance between the mandatory and elective part of the educational programme, including a combination of mandatory elements and electives or special components of choice.	+			
		2.2	Scientific method				
			Medical organisation of education should teach students throughout the training programme:				
34	6	2.2.1	principles of scientific methodology, including analytical and critical thinking ;	+			
35	7	2.2.2	research methods in medicine ;	+			
36	8	2.2.3	evidence-based medicine that requires appropriate teacher competence and will be a mandatory part of the educational programme and will involve medical students in conducting or participating in small research projects,	+			
37	9	2.2.4	The medical organisation of education should include in the educational programme elements of fundamental or applied research, including mandatory or elective analytical and experimental research, thereby promoting participation in the scientific development of medicine as professionals and colleagues.	+			
			Basic biomedical Sciences				
			The medical organisation of education shall define and include in the educational programme:				
38	10	2.3.1	achievements of basic biomedical Sciences for students ' understanding of scientific knowledge;	+			
39	11	2.3.2	concepts and methods that are fundamental for the acquisition and application of clinical scientific knowledge.	+			
40	12	2.3.3	Medical organisation of education should be in the educational programme to adjust and make new achievements of biomedical Sciences, which are necessary for the formation and development of professional competence in the field of medicine and pharmaceutical practice graduate:	+			
41	13	2.3.4	scientific, technological and clinical developments;	+			
42	14	2.3.5	current and expected needs of society and health system.	+			
		2.4	Behavioral and social Sciences and medical ethics				
43	15	2.4.1	The medical organisation of education should define and include in the educational programme of achievement of:	+			
44	16	2.4.2	behavioral science;	+			
45	17	2.4.3	social science;	+			
46	18	2.4.4	medical ethics;	+			
47	19	2.4.5	medical jurisprudence,	+			
			which will provide the knowledge, concepts, methods, skills and attitudes necessary to understand the socio-economic, demographic and cultural determinants of the causes, distribution and consequences of health problems, as well as knowledge of the national health system and patient rights, which will contribute to the analysis of public health				

			problems, effective communication, clinical decision-making and ethical practices.				
48	20		The medical organisation of education should in the educational programme adjust and introduce new achievements of behavioral and social Sciences and also medical ethics for:	+			
49	21		scientific, technological and clinical developments;	+			
50	22		current and expected needs of society and the health system;	+			
		2.5	Changing demographic and cultural conditions.				
			Clinical Sciences & skills				
51	23	2.5.1	The medical organisation of education must in the educational programme identify and implement the achievements of clinical Sciences and ensure that students:	+			
52	24	2.5.2	acquire sufficient knowledge and clinical and professional skills to take appropriate responsibility, including activities related to the strengthening of the dawn, disease prevention and patient care;	+			
53	25	2.5.3	spend a reasonable proportion (one-third) of a programme scheduled contacts with patients, which includes consideration of objectives, the appropriate amount and their adequacy for training in the relevant clinical/production bases;	+			
54	26	2.5.4	carry out work on health promotion and prevention.	+			
55	27	2.5.5	The medical organisation of education should set a certain amount of time for the training of basic clinical/pharmaceutical disciplines.	+			
			The medical organisation of education should organise clinical training with appropriate attention to the patient's safety, including monitoring of the actions performed by the student in the conditions of clinical/industrial bases.	+			
56	28	2.5.6	scientific, technological and clinical developments; current and expected needs of society and health system.	+			
57	29	2.5.7	The medical education organisation should ensure that each student has early contact with real patients, including his or her gradual involvement in patient care, including responsibility for the examination and/or treatment of the patient under supervision, which is carried out in appropriate clinical/production facilities.	+			
58	30	2.5.8	Medical education institutions should be structured in the different components of training on clinical skills in accordance with the specific phase of the training programme.	+			
59	31	2.5.9	Structure of the educational programme, content and duration	+			
		2.6	The medical organisation of education in the educational programme should identify and implement the achievements of pharmaceutical disciplines and ensure that students:				
			acquire sufficient knowledge and professional skills, including:				
60	32	2.6.1	basic principles of organisation of medical care to the population;	+			
61	33	2.6.2	fundamentals of pharmacy Economics;	+			
62	34	2.6.3	marketing management processes in pharmacy, marketing research and analysis, basics of pharmaceutical management;	+			
63	35	2.6.4	basic principles of technological process of production and manufacture of drugs of Magistral formula and manufacturing, herbal drugs, medicinal and cosmetic, pharmaceutical and veterinary preparations, biologically active additives and naturprodukte;	+			

64	36	2.6.5	basic principles and provisions governing the quality of medicines;	+			
		2.7	General principles of pharmaceutical analysis, basic methods and techniques of drug quality research;				
65	37	2.7.1	The medical organisation of education should describe the content, scope and sequence of courses and other elements of the educational programme to ensure that the appropriate balance between the basic biomedical, behavioural and social and clinical disciplines is maintained.	+			
			Medical education organisation should be in the educational programme:	+			
66	38	2.7.2	ensure horizontal integration of related Sciences and disciplines;	+			
67	39	2.7.3	ensure vertical integration of clinical Sciences with basic biomedical and behavioural and social Sciences;	+			
68	40	2.7.4	to provide an opportunity for the elective content (elective) and to determine the balance between mandatory and elective part of the educational programme, including a combination of compulsory elements and elective courses or special components for choosing	+			
69	41	2.7.5	determine the relationship with complementary medicine, including non-traditional, traditional or alternative practices		+		
		2.8	Programme management				
70	42	2.8.1	The medical education organisation should identify the structural unit responsible for educational programmes, which is managed by the academic leadership, which is responsible and has the authority to plan and implement the educational programme, including the allocation of allocated resources for the planning and implementation of teaching and learning methods, student assessment and evaluation of the educational programme and training courses, in order to ensure the achievement of the final learning outcomes.	+			
71	43	2.8.2	The medical organisation of education must guarantee the representation of teachers and students in the structural unit responsible for educational programmes.	+			
72	44	2.8.3	Medical education organisation should be through the structural unit responsible for educational programmes to plan and implement innovations in the educational programme.	+			
73	45	2.8.4	The medical education organisation should include representatives from other relevant stakeholders in the structural unit of the medical education organisation responsible for educational programmes, including other participants in the educational process, representatives from clinical bases, graduates of medical education organisations, health professionals involved in the learning process or other faculty members of the University.	+			
		2.9	Links to medical practice and the health system				
74	46	2.9.1	The medical organisation of education should provide an operational link between the educational programme and the subsequent stages of training (internship, specialisation, NDP/NMO) or practice, to which the student will start at the end of training, including the definition of health problems and the definition of the required learning outcomes, a clear definition and description of the elements of the educational programme and their relationships at various stages of training and practice, with due regard to local, national, regional and global conditions, and also feedback for/from the health sector and the involvement of teachers and students in the work of the team of specialists in the	+			

			provision of medical care.				
			The medical education organisation should ensure that the structural unit responsible for the educational programme:				
75	47	2.9.2	takes into account the peculiarities of the conditions in which graduates have to work and modify the educational programme accordingly;	+			
76	48	2.9.3	The medical education organisation should use the feedback results to improve the educational programme.	+			
			Subtotal	47	1	0	0
			3. PROGRAMME EVALUATION				
			3.1 Evaluation method				
			Medical organisation of education should:				
77	1	3.1.1	have a programme regarding the educational programme to monitor processes and outcomes, including routine data collection on key aspects of the educational programme to ensure that the educational process is carried out appropriately, and to identify any areas requiring intervention, and data collection is part of administrative procedures in connection with student admission, student assessment and completion of training;	+			
			The medical organisation of education shall establish and apply mechanisms for the evaluation of the educational programme, which:				
78	2	3.1.2	aimed at the educational programme and its main components, including the model of the educational programme, the structure, content and duration of the educational programme, and the use of mandatory and elective parts (see Standard "Educational programme);	+			
78	3	3.1.3	focused on the progress of the student;	+			
80	4	3.1.4	identify and consider problems that include the lack of achievement of the intended outcomes of learning, and will involve collecting information about the target learning outcomes, including identified deficiencies and problems, and used as feedback for the events and corrective action plans to improve educational programmes and curricula of disciplines;	+			
			The medical organisation of education should periodically conduct a comprehensive evaluation of the educational programme aimed at:				
81	5	3.1.5	the context of the educational process, which includes the organisation and resources, learning environment and culture of the medical organisation of education;	+			
82	6	3.1.6	the special components of the educational programme, which include the description of the discipline and methods of teaching and learning, clinical rotations and evaluation methods.	+			
83	7	3.1.7	for the overall final results, which will be measured by the results of the national licensing exams, benchmarking procedure, international exams, career choice and post-graduate results;	+			
84	8	3.1.8	on their social responsibility;	+			
			3.2 The feedback of the teacher and the student				
85	9	3.2.1	The medical education organisation should systematically collect, analyse and provide teachers and students with feedback that includes information about the process and products of the educational programme, and also include information about unfair practices or inappropriate behavior of teachers or students with and/or legal consequences	+			
86	10	3.2.2	Medical education organisation should use the feedback results to improve the educational programme;	+			

		3.3	Educational achievements of students and graduates				
			The medical organisation of education should carry out the analysis of educational achievements of students and graduates concerning:				
87	11	3.3.1	its mission and learning outcomes educational programme, which includes information about the average duration of training, academic performance scores, frequency of exams and failures in the exams, cases of successful completion and expulsion, reports of students on the conditions of training in the courses, the time spent to study areas of interest, including components of choice, as well as interviews with students on repeated courses, and interviews with students who leave the training programme;	+			
88	12	3.3.2	educational programme;	+			
89	13	3.3.3	resource endowments	+			
			Medical education institutions should assess the academic achievement of students in relation to:	+			
90	14	3.3.4	their prior experience and conditions, including social, economic, cultural conditions;	+			
91	15	3.3.5	level of training at the time of admission to the medical organisation of education.	+			
			Medical organisation of education should use the analysis of educational achievements of students to provide feedback to the structural units responsible for:	+			
92	16	3.3.6	selection of students;	+			
93	17	3.3.7	educational programme planning;	+			
94	18	3.3.8	advising students	+			
			The medical education organisation follows for other stakeholders including other representatives of academic and administrative staff, members of the public, authorised education and health authorities, professional organisations, and those responsible for postgraduate education:				
95	19	3.4.3	provide access to the results of course evaluation and educational programme;	+			
96	20	3.4.4	collect and study feedback from them on graduate clinical practice;	+			
97	21	3.4.5	collect and study feedback from them on the educational programme.	+			
			Subtotal	21	0	0	0
		4.	STUDENTS				
		4.1	Admission and selection policy				
			Medical organisation of education should:				
98	1	4.1.1	to define and implement a policy of admission, including a well-established position in the selection process of students, which includes rationale and methods of selection, such as the results of training in high school, other relevant academic experience, other entrance exams and interviews, assessment of motivation to become a doctor, including changes in the needs related to the variety of medical practices;	+			
99	2	4.1.2	have a policy and implement the practice of admission of students with disabilities in accordance with applicable laws and regulations of the country;	+			
100	3	4.1.3	have a policy and implement the practice of transferring students from other programmes and medical education institutions.	+			
			Medical education organisation should:				
101	4	4.1.4	establish a relationship between the selection of students and	+			

			the mission of the medical education organisation, the educational programme and the desired quality of graduates;				
102	5	4.1.5	periodically review the admissions policy, based on relevant data from the public and professionals, to meet the health needs of the population and society at large, including consideration of the recruitment of students based on their gender, ethnic origin and language, and the potential need for a special admissions policy for students from low-income families and national minorities;	+			
103	6	4.1.6	use the system to appeal decisions on admission.	+			
		4.2	Admission of student				
104	7	4.2.1	The medical organisation of education should determine the number of accepted students in accordance with the material and technical capabilities at all stages of education and training, and the decision on the recruitment of students involves the need to regulate national requirements for health personnel resources, in the case where medical educational institutions do not control the number of students recruited, it should demonstrate its commitment by explaining all the relationships, paying attention to the consequences of decisions (imbalance between the recruitment of students and the material, technical and academic potential of the University).	+			
105	8	4.2.2	The medical education organisation should periodically review the number and contingent of students admitted in consultation with relevant stakeholders responsible for planning and developing human resources in the health sector, as well as with experts and organisations on global aspects of human health resources (such as inadequate and uneven distribution of health workforce, migration of physicians, the opening of new medical Schools) and to regulate in order to meet the health needs of the population and society as a whole.	+			
		4.3	Advising and supporting students				
			Medical organisation of education should:				
106	9	4.3.1	have a system of academic counseling of their students, which includes issues related to the choice of electives, preparation for residency, career planning, appointment of academic mentors (mentors) for individual students or small groups of students;	+			
107	10	4.3.2	offer a student support programme aimed at social, financial and personal needs, which includes support for social and personal problems and events, health problems and financial issues, access to health care, immunisation programmes and health insurance, as well as financial assistance services in the form of material assistance, scholarships and loans;	+			
108	11	4.3.3	allocate resources to support students;	+			
109	12	4.3.4	ensure confidentiality regarding counselling and support.	+			
			Medical education organisation should provide advice that:				
110	13	4.3.5	based on the monitoring of student progress and aimed at the social and personal needs of students, including academic support, support for personal problems and situations, health problems, financial issues;	+			
111	14	4.3.6	includes counseling and career planning.	+			
		4.4	Student representation				
112	15	4.4.1	offer a student support programme aimed at social, financial and personal needs, which includes support for social and personal problems and events, health and financial issues, access to health care, immunisation programmes and health insurance, as well as financial assistance services in the form of material assistance, scholarships and loans.	+			

113	16	4.4.2	The medical education organisation should provide assistance and support to student activities and student organisations, including the provision of technical and financial support to student organisations.	+			
			Subtotal	16	0	0	0
		5.	STANDARD "ASSESSMENT OF STUDENTS»				
		5.1	Evaluation method				
			Medical organisation of education should:				
114	1	5.1.1	identify, approve and publish the principles, methods and practices used to evaluate students, including the number of exams and other tests, balance between written and oral exams, use of assessment methods based on criteria and reasoning, and special exams (OSCE or Mini-clinical exam), and define criteria for establishing passing scores, assessments and the number of allowed retakes;	+			
115	2	5.1.2	ensure that the assessment covers knowledge, skills and attitudes;	+			
116	3	5.1.3	use a wide range of assessment methods and formats depending on their "utility assessment", which includes a combination of validity, reliability, learning impact, acceptability and effectiveness of the assessment methods and format.	+			
117	4	5.1.4	to ensure that the methods and results of the evaluation to avoid conflict of interest;	+			
118	5	5.1.5	ensure that the evaluation process and methods are open (accessible) to external reviewers				
			Medical education organisation should:				
119	6	5.1.6	document and evaluate the reliability and validity of evaluation methods, which requires an appropriate process to ensure the quality of existing evaluation practices;		+		
120	7	5.1.7	implement new assessment methods to meet the need;	+			
121	8	5.1.8	use the system to appeal the evaluation results.	+			
		5.2	The relationship between assessment and learning				
		5.2.1	The medical organisation of education should use the principles, methods and practices of evaluation, including the educational achievements of students and the assessment of knowledge, skills, professional values of relations that:				
122	9		- clear compatible with the methods of learning, teaching and outcomes of education;	+			
123	10		- ensure that students achieve the final learning outcomes;	+			
124	11		- promote learning	+			
125	12		- provide an appropriate balance between formative and summative assessment to manage learning and assess a student's academic progress, which requires establishing rules for assessing progress and their relationship to the assessment process.	+			
			Medical education organisation should:				
126	13	5.2.2	regulate the number and nature of examinations of the various elements of the educational programme in order to facilitate learning and integrated learning, and to avoid negative impact on the learning process and eliminate the need to study an excessive amount of information and the overload of the educational programme;	+			
127	14	5.2.3	to ensure the provision of feedback to students on the basis of the evaluation results.	+			
128	15	5.3	Medical education institutions should be sent to the update process for the development of assessment principles, and methods of carrying out and number of exams in accordance with the changes in the final results of learning and methods of teaching and learning.	+			
			Subtotal:	14	1	0	0

		6.	STANDARD "ACADEMIC STAFF/FACULTY»				
		6.1	Selection and recruitment policy				
			The medical organisation of education shall define and implement the policy of selection and reception of employees, which:				
129	1	6.1.1	defines their category, responsibility and balance of academic staff/teachers of basic biomedical Sciences, behavioural and social Sciences and clinical Sciences for the adequate implementation of the educational programme, including the proper balance between medical and non-medical teachers, full-time and part-time teachers and the balance between academic and non-academic staff;	+			
130	2	6.1.2	it contains criteria for scientific, pedagogical and clinical merits of applicants, including the proper balance between pedagogical, scientific and clinical qualifications;	+			
131	3	6.1.3	identifies and monitors the responsibilities of academic staff/teachers of basic biomedical Sciences, behavioral and social Sciences, and clinical Sciences.	+			
			Medical education institutions should in its policy for the selection and appointment of staff to consider criteria such as:				
132	4	6.1.4	relevance to its mission, the importance of local conditions, including gender, nationality, religion, language and other conditions relevant to the medical organisation of education and educational programme;	+			
133	5	6.1.5	economic opportunities that take into account institutional conditions for staff financing and efficient use of resources.	+			
		6.2	Development policies and activities of the employees				
			The medical organisation of education should define and implement a policy of activity and development of employees, which:				
134	6	6.2.1	allows you to maintain a balance between teaching, research and service functions, which include the establishment of time for each activity, taking into account the needs of the medical organisation of education and professional qualifications of teachers;	+			
135	7	6.2.2	guarantees recognition of academic excellence, with appropriate emphasis on pedagogical, research and clinical qualifications and is carried out in the form of awards, promotions and/or remuneration;	+			
136	8	6.2.3	ensures that clinical activities and research are used in teaching and learning;	+			
137	9	6.2.4	ensures that each employee has sufficient knowledge of the educational programme, which includes knowledge of teaching/learning methods and the General content of the educational programme, and other disciplines and subject areas in order to promote cooperation and integration;	+			
138	10	6.2.5	includes training, development, support and evaluation of teachers, which involves all teachers, not only newly recruited, but also teachers involved from hospitals and clinics, laboratories, pharmacies, pharmaceutical industries, pharmaceutical companies.	+			
			Medical education organisation should:				
139	11	6.2.6	take into account the ratio of "teacher-student" depending on the various components of the educational programme;		+		
140	12	6.2.7	to develop and implement a policy of promoting employees.	+			
			Subtotal	11	1	0	0
		7.	EDUCATIONAL RESOURCES				
		7.1	Material and technical base				
			Medical organisation of education should:				
141	1	7.1.1	have sufficient material and technical base for teachers and	+			

			students to ensure adequate implementation of the educational programme;				
142	2	7.1.2	provide a safe environment for employees, students, patients and those who care for them, including providing the necessary information and protection from harmful substances, microorganisms, compliance with safety regulations in the laboratory and when using the equipment.	+			
142	3	7.1.3	Medical education organisation should improve the learning environment of students through regular updating, expansion and strengthening of the material and technical base, which should be consistent with the development in the practice of training.	+			
		7.2	Clinical/training resources				
			Medical organisation of education should provide the necessary resources for students to acquire adequate clinical experience, including sufficient:				
143	4	7.2.1	number and categories of patients;	+			
144	5	7.2.2	the number and categories of clinical/industrial bases, which include clinics (providing primary, secondary and tertiary care), outpatient services (including primary care), institutions of primary health care, health centres and other institutions rendering medical aid to the population, and centers/labs clinical skills, research centers, laboratories, production centres of pharmaceutical development of skills which allow for clinical training, using clinical databases and to provide rotation in key clinical and basic pharmaceutical disciplines;	+			
145	6	7.2.3	supervision of clinical/industrial practice of students.	+			
146	7	7.2.4	The medical education organisation should study and evaluate, adapt and improve resources for clinical training to meet the needs of the served population, which will include compliance and quality for clinical training programmes regarding clinical bases, equipment, number and category of patients and clinical practice, supervision, and administration.	+			
		7.3	Information technology				
147	8	7.3.1	The medical organisation of education should define and implement policies aimed at the effective use and evaluation of relevant information and communication technologies in the educational programme.	+			
			The medical education organisation should provide teachers and students with opportunities to use information and communication technologies:	+			
148	9	7.3.2	for self-study	+			
149	10	7.3.3	access to information;	+			
150	11	7.3.4	management of patients;	+			
151	12	7.3.5	work in the health care system;	+			
152	13	7.3.6	The medical education organisation should ensure that students have access to relevant patient data and health information systems.	+			
		7.4	Medical research and scientific achievements				
			Medical organisation of education should:				
153	14	7.4.1	have research activities in the field of medicine and scientific achievements as the basis for the educational programme;	+			
154	15	7.4.2	identify and implement policies that promote the relationship between research and education	+			
155	16	7.4.3	provide information on the research base and priority areas in the field of scientific research of the medical organisation of education.	+			
			Medical education organisation should ensure that the	+			

			relationship between research and education:				
156	17	7.4.4	using medical research as the basis for the curriculum;	+			
157	18	7.4.5	taken into account in teaching;	+			
158	19	7.4.6	encourages and prepares students to participate in medical research and development	+			
159	20	6.4.5	taken into account in teaching;	+			
160	21	6.4.6	encourages and prepares students to participate in scientific research in the field of medicine and their development.	+			
		7.5	Expertise in the field of education				
			Medical organisation of education should:				
161	22	7.5.1	have access to expertise in the field of education where it is needed, and the expertise, which studies the processes, practices and problems of medical education and may involve doctors with experience of conducting research in medical education, psychologists and sociologists in the field of education which is provided by the Department of medical education of the University or the involvement of experts from other national and international institutions	+			
			Medical organisation of education should define and implement a policy on the use of expertise in the field of education:	+			
162	23	7.5.2	in the development of the educational programme;	+			
163	24	7.5.3	in the development of teaching methods and assessment of knowledge and skills.	+			
			Medical education organisation should:				
164	25	7.5.4	provide evidence of the use of internal or external expertise in medical education to develop staff capacity;	+			
165	26	7.5.5	to pay due attention to the development of expertise in the evaluation of education and research in medical education as a discipline that includes the study of theoretical, practical and social issues in medical education;	+			
166	27	7.5.6	to promote the aspirations and interests of employees in conducting research in medical education.	+			
		7.6	Exchange in the field of education				
			The medical education organisation should define and implement policies for:				
167	28	7.6.1	cooperation at national and international levels with other medical universities, public health schools, faculties of dentistry, pharmacy and other faculties of universities;	+			
168	29	7.6.2	transfer and netting of educational loans, which includes consideration of the limits of the educational programme that can be transferred from other educational institutions and which can be facilitated by the conclusion of agreements on mutual recognition of the elements of the educational programme and active coordination of programmes between Universities and the use of a transparent system of credit units and flexible course requirements.	+			
			Medical education organisation should:				
169	30	7.6.3	promote regional and international exchange of staff (academic, administrative and teaching staff) and students by providing appropriate resources;	+			
170	31	7.6.4	ensure that the exchange is organised in accordance with the objectives, taking into account the needs of employees, students, and ethical principles.	+			
			Subtotal	31	0	0	0
		8.	GOVERNANCE AND ADMINISTRATION				
		8.1	Management				
171	1	8.1.1	The medical education organisation must define the management structures and functions, including their relationship with the University, if the medical education	+			

			organisation is part or branch of the University.				
			The medical organisation of education should in its management structures to determine the structural units with the establishment of responsibility of each structural unit and include them in their composition:				
172	2	8.1.2	representatives of academic staff;	+			
173	3	8.1.3	students';	+			
174	4	8.1.4	other stakeholders, including representatives of the Ministry of education and health, the health sector and the public.	+			
175	5	8.1.5	The medical organisation of education should ensure transparency of the management system and decisions that are published in bulletins, posted on the website of the University, included in the protocols for review and execution.	+			
		8.2	Academic leadership				
176	6	8.2.1	The medical organisation of education should clearly define the responsibility of the academic management in relation to the development and management of the educational programme.	+			
177	7	8.2.2	The medical organisation of education should periodically evaluate the academic leadership regarding its mission and learning outcomes.	+			
		8.3	Training budget and resource allocation				
			Medical organisation of education should:				
178	8	8.3.1	have a clear set of responsibilities and powers to provide the educational programme with resources, including a target budget for training;	+			
179	9	8.3.2	allocate the resources necessary for the implementation of the educational programme and allocate educational resources according to their needs.	+			
180	10	8.3.3	The system of financing of the medical organisation of education should be based on the principles of efficiency, effectiveness, priority, transparency, responsibility, differentiation and independence of all levels of budgets.	+			
			Medical education organisation should:				
181	11	8.3.4	provide sufficient autonomy in the allocation of resources, including decent remuneration of teachers in order to achieve learning outcomes;		+		
182	12	8.3.5	when allocating resources, take into account scientific achievements in the field of medicine and public health problems and their needs.	+			
		8.4	Administrative staff and management				
			The medical organisation of education must have the appropriate administrative staff, including their number and composition in accordance with the qualification, in order to:				
183	13	8.4.1	ensure the implementation of the educational programme and related activities;	+			
184	14	8.4.2	ensure proper management and allocation of resources.	+			
185	15	8.4.3	The medical education organisation should develop and implement an internal management quality assurance programme that includes consideration of needs for improvement, and conduct a regular review and analysis of management.	+			
		8.5	Engagement with the health sector				
186	16	8.5.1	The health education organisation should have constructive interaction with the health sector, with the related health sectors of society and government, including the exchange of information, cooperation and initiatives of the organisation, which contributes to the provision of qualified doctors in accordance with the needs of society.	+			

187	17	8.5.2	The medical education organisation should be given official status to 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 establishment of a coordinating Committee, and joint activities.	+			
			Subtotal	16	1	0	0
		9.	CONTINUOUS IMPROVEMENT				
			Medical organisation of education should be a dynamic and socially responsible institution:				
188	1	9.1.1	initiate procedures for regular review and revision of content, results / competencies, assessment and learning environment, structure and functions, document and address deficiencies;	+			
189	2	9.1.2	to review the structure and function	+			
190	3	9.1.3	allocate resources for continuous improvement.	+			
			Medical education organisation should:				
191	4	9.1.4	to base the process of updating on prospective studies and analyses and on the results of their own study, evaluation and literature on medical education;	+			
192	5	9.1.5	ensure that the process of renewal and restructuring leads to a review of its policies and practices in accordance with previous experience, current activities and prospects for the future; direct the renewal process to the following issues:	+			
193	6	9.1.6	Adapting the mission statement and outcomes to the scientific, socio-economic and cultural development of society.	+			
194	7	9.1.7	Modification of the final learning outcomes of graduates in accordance with the documented needs of the post-graduate environment, including clinical skills, training in public health and participation in the process of providing medical care to patients in accordance with the responsibilities that are assigned to graduates after graduation MOE.	+			
195	8	9.1.8	Adaptation of the model of the educational programme and methodological approaches to ensure that they are appropriate and appropriate and takes into account modern theories in education, the methodology of adult education, the principles of active learning.	+			
196	9	9.1.9	Adjusting the elements of the educational programme and their interrelationship with advances in the biomedical, behavioural, social and clinical Sciences, with changes in demographic and health conditions/patterns of morbidity and socio-economic and cultural conditions, and the adjustment process will ensure the inclusion of new relevant knowledge, concepts and methods, and the elimination of obsolete ones.	+			
197	10	9.1.10	Development of assessment principles, and methods and number of examinations in accordance with changes in learning outcomes and teaching and learning methods.	+			
198	11	9.1.11	Adaptation policy student recruitment and methods of selection of students, considering the changing expectations and circumstances, staffing resources, changes in the system of pre-University education and the needs of the educational programme.	+			
199	12	9.1.12	Adaptation policy of recruiting and developing academic staff according to changing needs.		+		
200	13	9.1.13	Update educational resources according to changing needs, such as student recruitment, number and profile of academic staff, educational programme.	+			
201	14	9.1.14	Improving the monitoring and evaluation of the educational programme.	+			

202	15	9.1.15	Improvement of the organisational structure and management principles to ensure effective performance in the face of changing circumstances and needs, and, in the long term, to meet the interests of different groups of stakeholders.	+			
			Subtotal	14	1	0	0
			TOTAL IN GENERAL	199	4	0	0

