

MINISTRY OF HEALTH OF THE REPUBLIC OF KAZAKHSTAN

«АСТАНА МЕДИЦИНА УНИВЕРСИТЕТІ»  
КОММЕРЦИЯЛЫҚ ЕМЕС  
АКЦИОНЕРЛІК ҚОҒАМЫ

НЕКОММЕРЧЕСКОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО  
«МЕДИЦИНСКИЙ УНИВЕРСИТЕТ АСТАНА»

NON-COMMERCIAL JOINT-STOCK COMPANY  
"MEDICAL UNIVERSITY ASTANA"

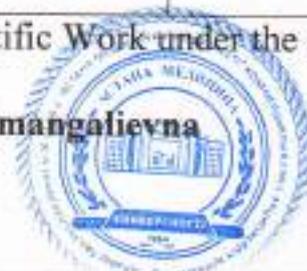


Approved by the Committee on Academic and Scientific Work under the Senate of  
NJSC "Astana Medical University"

Chairman of the Committee: **Maltabarova Nurila Amangaliyevna**

Signature: *[Handwritten Signature]*

Protocol No. 7 dated "28" August 2020



|   |   |  |
|---|---|--|
| Title of the document   |   | <b>Educational program</b>   |
| Degree  |   | <b>Bachelor's degree</b>   |
| Code - name   |   | <b>6B10107 – General medicine</b>  |
| Standard training period  |   | <b>6 year</b>  |
| Redaction   | 1 | Status   |
| Code  |   | <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Reviewed <input type="checkbox"/> Sent for revision <input type="checkbox"/> Rejected <input type="checkbox"/> Other |
| Discussed by the Faculty Council of General Medicine  |   |  |
| Chairman of the Faculty Council: <b>Makhambetov Kaergeldy Ombaevich</b>                             |   |  |
| Signature <i>[Handwritten Signature]</i> protocol No. <u>7</u> dated " <u>10</u> " <u>July</u> 2020 |   |  |
| Responsible person:<br>Dean of the Faculty of Medicine  |   | <b>Makhambetov Kaergeldy Ombaevich</b>   |
| Language of document  |   | Kazakh<br>Russian<br><input checked="" type="checkbox"/> English   |
| Start year of implementation EP12   |   | 2020-2021 academic year  |

Educational program  
specialty "General Medicine"

## Responsible for the development of the EP:

| Position  | Full name        | Signature |
|---|------------------|-----------|
| Head of the working group for the development of EP | Makhambetov K.O. |           |

## EP developers:

| Position                        | Full name        | Signature |
|---------------------------------|------------------|-----------|
| Head of the major department    | Derbisalina G.A. |           |
| Dean of the Faculty of Medicine | Makhambetov K.O. |           |
| Deputy Dean                     | Baikanova R.K.   |           |
| Deputy Dean                     | Igenbaeva B.B.   |           |
| Deputy Dean                     | Nurhan B.K.      |           |
| Deputy Dean                     | Gabbasova A.M.   |           |
| Deputy Dean                     | Zhantureeva A.A. |           |

**1. PASSPORT OF THE EDUCATIONAL PROGRAM**

|   |  |
|---|--|
| Level of qualification according to the national qualifications framework                                   | IV   |
| Timing of the program   | 2020-2025 yy.  |
| The contact person  | Dean of the Faculty of Medicine, Doctor of Medical Sciences, Associate Professor Makhambetov K.O.  |
| Basis for development   | <ul style="list-style-type: none"> <li>• Law on Education of the Republic of Kazakhstan dated July 27, 2007;</li> <li>• Order of the Ministry of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 "On approval of the Rules for organizing the educational process in credit technology of education";</li> <li>• Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 "On approval of the Model Rules for the activities of educational organizations of relevant types";</li> <li>• Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604 "On approval of state compulsory education standards at all levels of education" (Appendix 5);</li> <li>• Academic policy of NJSC "MUA" from</li> </ul> |
| Practical healthcare needs  | The main consumers of graduates of the Faculty of Medicine are all branches of the medical sector of the Republic of Kazakhstan.   |
| Existing educational programs in Kazakhstan   | <ul style="list-style-type: none"> <li>- NJSC "Kazakh National Medical University" named after. Asfendiyarov";</li> <li>- NJSC "Semey Medical University";</li> <li>- NJSC "Medical University of Karaganda";</li> <li>- NJSC "West Kazakhstan Medical University named after M. Ospanov";</li> <li>- JSC "Kazakh Medical University of Continuing Education";</li> <li>- National Educational Institution "Kazakhstan-Russian Medical University";</li> <li>- JSC "South Kazakhstan Medical Academy"</li> </ul>   |
| The graduate is awarded an academic degree/qualification  | Bachelor of Healthcare in specialty:<br>6B10107 – "General Medicine" / qualification – Bachelor of Medicine  |
| Requirements for the previous level of education of persons those wishing to master the educational program | General secondary education, technical and vocational education, post-secondary education.   |
| Mission of the educational program  | Training of highly qualified specialists of the new generation based on the unity of education, science and practice.  |
| Purpose of the educational program  | Providing the medical industry with qualified personnel.   |

**2. ACCREDITATION AND CERTIFICATION OF THE EDUCATIONAL PROGRAM****A) Accreditation of the educational program**

| Name of accreditation agency                          | Location of the accreditation agency                                  | Validity period of accreditation | Link to the website of the accreditation agency, which contains information about the accreditation of the university |
|---|---|----------------------------------|---|
| Independent agency for quality assurance in education | 010000 Republic of Kazakhstan Nur-Sultan, Dostyk street 20,801 office | from 04/22/2019 until 04/19/2024 | <a href="http://www.iaar.kz">http://www.iaar.kz</a>   |

**B) International educational program certificates**

| Name of certification agency | Validity period of accreditation (until "___" ____ 2020) | Link to the website of the accreditation agency, which contains information about the accreditation of the university |
|------------------------------|--|---|
|                              |  |   |

**3. GRADUATE COMPETENCIES AND LEARNING RESULTS****A) General competencies**

|      | General competencies                           | Outcomes of the training program Graduates will be able to:   |
|------|--|---|
| 1.1. | Competencies in the field of general education | Use knowledge in the field of natural sciences (social, humanitarian, economic), biomedical and clinical sciences in various types of professional activities of a doctor.  |
| 1.2. | Personal and professional development          | Demonstrate the qualities necessary to support continuous personal and professional growth, continuous improvement in the quality of health care through continuous self-evaluation and lifelong learning.  |
| 1.3. | Communication skills                           | Be able to communicate with patients, colleagues, relatives of patients, representatives of various social strata of the population, be able to work in a team, correctly defend your point of view, be able to find compromises, correlate your opinion with the opinion of the team, propose new solutions. |
| 1.4. | Organizational and managerial competencies     | Demonstrate leadership skills that improve team performance, the learning environment, and the health care delivery system.   |

Educational program  
specialty "General Medicine"**B) Special competencies**

| Special competencies  |      | Outcomes of the training program Graduates will be able to:  |
|---|------|--|
| Patient consultation  | 1.1. | 1.1 Collect medical history, conduct a physical examination of the patient, assess the condition of the patients, make clinical judgments and decisions, provide explanations and advice to the patient.<br>1.2 Assess the condition of the patient's organs and systems, draw up medical documentation, inform patients of different ages or their legal representative about diagnostic measures within the framework of medical services.<br>1.3 Explain indications, contraindications, risks and diagnostic significance of research methods.<br>1.4 Conduct a patient-centered clinical assessment and draw up a patient management plan for the purpose of consultation with specialized specialists or resolving the issue of hospitalization for clinical and epidemiological indications.<br>1.5 Conduct examination of temporary and permanent disability, medical and social examination of patients of different ages with diseases within the framework of medical services. |
| Evaluation of clinical signs  | 1.2. | Identify the main pathological symptoms and syndromes of diseases, be able to carry out differential diagnosis based on the leading syndrome, interpret examination results to make a clinical diagnosis, taking into account the International Statistical Classification of Diseases and Related Health Problems.  |
| Providing emergency medical care  | 1.3. | Provide primary and emergency medical care to patients of various ages with life-threatening conditions, as well as to the population in extreme conditions, epidemics and in areas of mass destruction.   |
| Treatment   | 1.4. | Provide medical care to patients of different ages with diseases within the framework of medical services in accordance with clinical protocols for diagnosis and treatment.   |
| Carrying out medical procedures   | 1.5. | Carrying out medical procedures on phantoms  |
| Application of ethical and legal principles                             | 1.6. | Carry out professional activities taking into account the moral and legal norms accepted in society; comply with the rules of medical ethics, laws and regulations regarding work with confidential information; maintain medical confidentiality.   |
| Assessing the psychological and social aspects of the patient's illness | 1.7. | Take into account psychological and social factors affecting the health and quality of life of patients, provide psycho-emotional support to patients of different ages with various conditions and diseases.  |
| Effective use of information and information technology                 | 1.8. | Use information and information and communication technologies in practice to analyze and monitor patient medical documentation data and improve the quality of medical services provided.   |
| Research skills   | 1.9. | Effectively search information databases, analyze scientific data, and demonstrate a research and analytical approach. Evaluate and assimilate evidence based on research related to patient health issues.  |



**Educational program  
specialty "General Medicine"**

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|---------------------------------|------|---|
| Promotion of healthy lifestyles | 1.10 | Carry out preventive measures among the population, screening for infectious and chronic non-infectious diseases, medical examination of patients of various ages, and carry out sanitary education work with the population. |
|---------------------------------|------|---|