



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert commission on the assessment of compliance with the requirements of standards on the international program accreditation of basic medical and pharmaceutical education

(WFME/ AMSE/ESG standards)

31.05.01 General Medicine

FSBEI HE "Kirov State Medical University"

of the Ministry of Healthcare of the Russian Federation

December 5-7, 2023

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External Expert Commission

IAAR Recognition (Accreditation) Council



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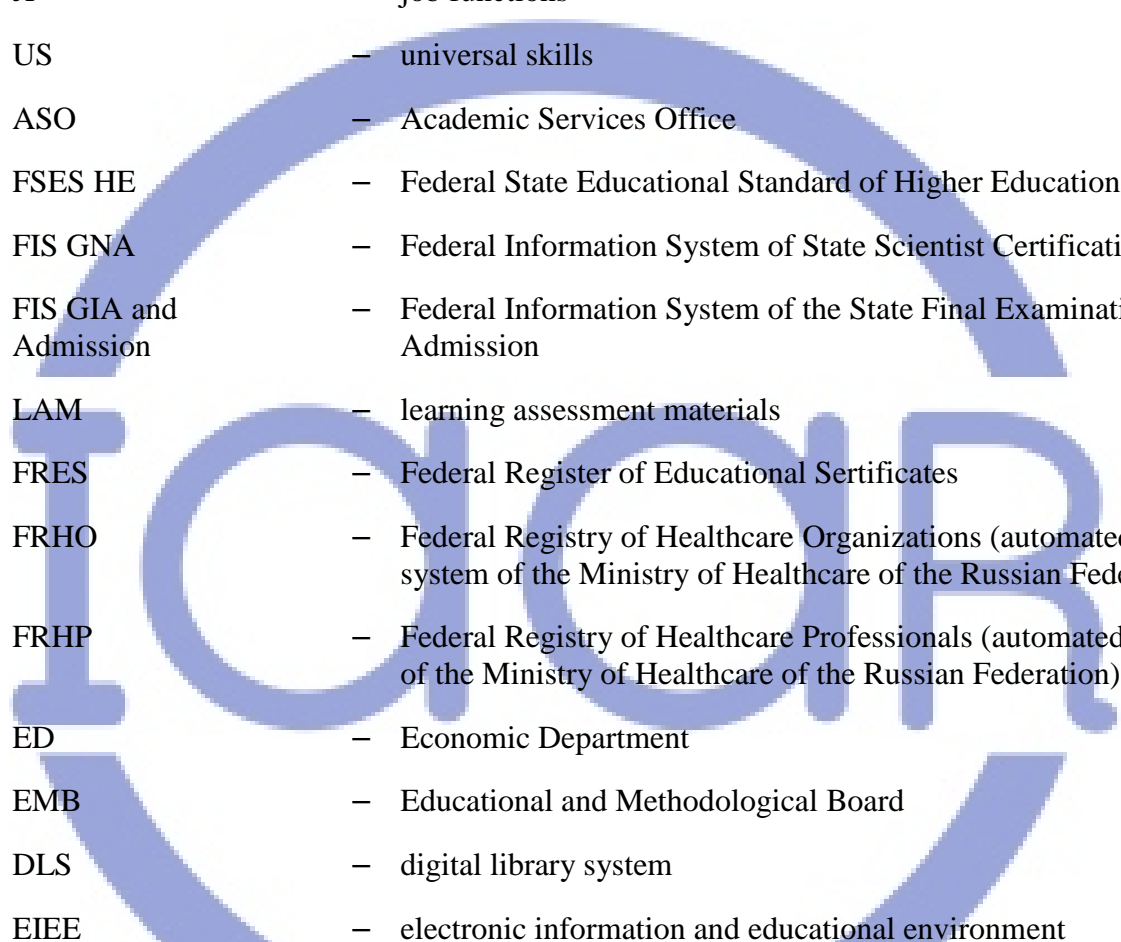
31.05.01 General Medicine

**FSBEI HE "Kirov State Medical University"
of the Ministry of Healthcare of the Russian Federation
December 5-7, 2023**

Kirov, 2023

LIST OF ABBREVIATIONS

COVID-19	– the novel COVID-19 infection
IT	– information technology
SFE	– State Final Examination
GIS SCOS	– State information system "Modern digital educational environment"
SEB	– State Examination Board
USE	– unified state exam
c.p.	– credit points/credits
ICE	– the Institute of Continuing Education
Kirov State Medical University	– Federal State Budgetary Educational Institution of Higher Education "Kirov State Medical University of the Ministry of Healthcare of the Russian Federation"
IHIS	– integrated healthcare information system
HP	– healthcare providers
MAS-centre	– Multipurpose Accreditation and Simulation Centre
MOH Kirov region	– Ministry of Healthcare of Kirov region
MOH Russia	– Ministry of Healthcare of the Russian Federation
MSHE Russia	– Ministry of Science and Higher Education of the Russian Federation
IAQE	– independent assessment of the quality of education
NPR	– academic staff
OBG, GO and ChS	– safety, civil defense and emergency situations
LHC	– limited health capacities
GPS	– general professional skills
MPEDP	– main/major professional education degree program
OSCE	– Objective Structured Clinical Examination
official website	– the official website of Kirov SMU in the telecommunications network "Internet"
PrS	– professional skills
ATS	– academic teaching staff



BP	– business plan
DEP	– Department of Economics and Planning
RSIC	– Russian Scientific Information Centre
QMS	– quality management system
SSS	– student scientific society
LA	– labour actions
JF	– job functions
US	– universal skills
ASO	– Academic Services Office
FSES HE	– Federal State Educational Standard of Higher Education
FIS GNA	– Federal Information System of State Scientist Certification
FIS GIA and Admission	– Federal Information System of the State Final Examination and Admission
LAM	– learning assessment materials
FRES	– Federal Register of Educational Certificates
FRHO	– Federal Registry of Healthcare Organizations (automated system of the Ministry of Healthcare of the Russian Federation)
FRHP	– Federal Registry of Healthcare Professionals (automated system of the Ministry of Healthcare of the Russian Federation)
ED	– Economic Department
EMB	– Educational and Methodological Board
DLS	– digital library system
EIEE	– electronic information and educational environment

INTRODUCTION

In accordance with Order No. 151-OD dated 29.09.2023 of the Independent Agency for Accreditation and Rating, from December 5 to December 7, 2023, an external expert commission assessed the compliance of the educational program 31.05.01 General Medicine of the Federal State Budgetary Educational Institution of Higher Education "Kirov State Medical University" of the Ministry of Healthcare of the Russian Federation with the standards of the IAAR for international accreditation of basic medical and pharmaceutical education (based on WFME/AMSE/ESG standards).

The report of the external expert commission (EEC) contains assessment of the submitted educational program according to the criteria of the IAAR, recommendations of the EEC for further improvement of the educational program and parameters of the profile of the educational program.

Members of the EEC:

IAAR expert – Chairman of the EEC - Omarkulov Bauyrzhan Kadenovich, PhD, Associate Professor, NAO "Medical University of Karaganda" (Karaganda, Republic of Kazakhstan,), Off-line participation;

IAAR expert – Moroz Irina Nikolaevna, MD, Professor, Belarusian State Medical University (Minsk, Republic of Belarus), Off-line participation;

IAAR expert – Vasily Viktorovich Alyamovsky, MD, Professor, Honored Physician of the Russian Federation, Moscow State Medical and Dental University named after Evdokimov, Head of the Education Committee of the Dental Association of Russia (Moscow, Russian Federation) Off-line participation;

IAAR expert – Seidakhmetova Aizat Ashimkhanovna, PhD, AO South Kazakhstan Medical Academy (Shymkent, Republic of Kazakhstan) On-line participation;

IAAR expert - Employer of EEC – Shits Polina Vladimirovna, Director of OOO "Medicine Plus" (Smolensk, Russian Federation), On-line participation;

IAAR Expert - EEC Student -- Diana Egorova, 6th year student, specialty "Medicine", Volga Region Research Medical University (Nizhny Novgorod, Russian Federation), On-line participation;

IAAR expert - EEC Student -- Bazarbayeva Victoria, 2-year undergraduate, specialty "Molecular Biology", Vyatka State University, (Kirov, Russian Federation), Off-line participation;

IAAR Coordinator – Alisa Satbekovna Dzhakenova, PhD, Head of Medical Projects of the Agency (Astana, Republic of Kazakhstan), Off-line participation.

INTRODUCTION OF THE EDUCATIONAL INSTITUTION

Federal State Budgetary Educational Institution of Higher Education "**Kirov State Medical University**" of the Ministry of Healthcare of the Russian Federation (FSBEI HE Kirov SMU MOH Russia, Kirov SMU) was founded on April 2nd, 1987 as a branch of Perm State Medical Institute (the Order of the Council of Ministers of the USSR No. 705r), in 1994 it became an independent institution "Kirov State Medical Institute" (Decree of the Government of the Russian Federation dated 03.05.1994 № 421). In 2016 Kirov State Medical Academy was renamed into the University (Order of the Ministry of Healthcare of the Russian Federation dated 07.11.2016 № 833). In the report the process of renaming of the institution is presented in Attachment 2.

The University has a license for carrying out educational activities No. L035-00115-43/00097167, issued by the Federal Service for Supervision of Education and Science on December 26, 2016 (valid indefinitely), according to which the main professional educational programs of higher education are implemented – specialist's, bachelor's degree programs, programs for postgraduate training of scientific staff and academic personnel, residency programs and state accreditation (certificate of state accreditation No. 3318, issued on January 23, 2020 by the Federal Service for Supervision of Education and Science, valid indefinitely) for each integrated group of specialties and training areas.

Kirov SMU is among the [top three](#) universities of Volga Federal District (2023). Over the past 5 years, the University's rating has been growing steadily among the universities in Russia, based on the analysis of the Interfax news agency (section "[National ranking of universities](#)").

The University conducts its activities in accordance with the Constitution of the Russian Federation, Federal [Law](#) No. 273-FZ dated December 29th, 2012 "On Education in the Russian Federation", other federal laws, decrees and orders of the President of the Russian Federation, resolutions and orders of the Government of the Russian Federation, regulatory legal acts of the Ministry of Education of the Russian Federation, the Ministry of Healthcare of the Russian Federation and the University [Charter](#) (and [amendments](#) to the Charter).

FSBEI HE Kirov SMU MOH Russia trains highly qualified specialists not only for the Kirov region, but also for other regions of the Russian Federation. The employment rate of University graduates is almost 95%.

The University has 2,911 students studying in bachelor's and specialist's programs, of which 2,726 are studying in intramural form, 92 - intra-extramural, 93 - extramural. Currently, more than 500 foreign citizens from 35 countries of the world are studying at the University (Azerbaijan, Algeria, Angola, Armenia, Bangladesh, Bahrain, Botswana, Gabon, Ghana, Haiti, Guatemala, DR Congo, Egypt, Iraq, Jordan, Yemen, Kazakhstan, Cameroon, Cote d'Ivoire, Cuba, Mauritania, Morocco, Moldova, Nigeria, Pakistan, Panama, Republic of the Congo, Syria, Sudan, Tajikistan, Thailand, Tanzania, Tunisia, Turkmenistan, Uzbekistan, Uganda, South Africa, etc.).

The University employs 302 teaching staff, of 21 whom have the academic title of "professor" and 149 have the academic title of "associate professor". The academic degree holders rate is 70%. Infrastructure of the University consists of educational buildings equipped with modern technical means, 3 laboratories, the University clinic, a Multidisciplinary accreditation and simulation center and 17 healthcare institutions in Kirov region agreements with which have been concluded on the organization of students' practical training, sports complex, a library, 4 dormitories.

Educational program (EP) 31.05.01 General Medicine (higher education, specialist's degree) was established in 1987. The period of study in the EP is 6 years (12 semesters), 360 ECTS credits. Form of study is intramural. Training in the educational program "General Medicine" is carried out in Russian and English.

The purpose of the EP is to train a specialist "based on a competency building approach in the field of humanities, social, economic, mathematical, natural science and special knowledge, to obtain higher medical (specialist-level) education that allows graduates to work successfully in

healthcare, to possess the competencies of a medical doctor, contributing to their social mobility and stability in the labor market, formation of social-personal qualities of students: determination, organization, diligence, responsibility, civic consciousness, communication skills, tolerance, mercy, improving their culture in general."

In accordance with the [Rules of admission](#) to the higher educational programs – bachelor's programs, specialist's programs of FSBEI HE Kirov SMU MOH Russia (Rules of admission to the higher educational programs – bachelor's programs, specialist's programs of FSBEI HE Kirov SMU MOH Russia dated 28 June 2023, record № 6.) Currently there are 1790 students on the «General Medicine» programme, 449 of them are foreign citizens (25,1%).

As a result of mastering the specialist's educational programme in the specialty 31.05.01 General Medicine the graduate should have universal, general professional, professional competencies. Universal and general professional competences comply with FSES HE for the specialty 31.05.01 General Medicine. Professional competences comply with the Professional standard «General practitioner (admitting physician)» (<https://kirovgma.ru/sveden/education/oop>).

Graduates of the EP "General Medicine" have the opportunity to find employment in medical organizations as a general practitioner; doctor of preventive medicine; admitting physician. They can also continue their studies in residency, postgraduate studies and receive additional professional education. The employment rate of University graduates is almost 95%.

The main governing structural unit is the Dean's Office of the Faculty of General Medicine, Dean, Candidate of Medical Sciences, Associate Professor E.M. Iutinsky.

There are 12 main departments implementing the educational programme 31.05.01 General Medicine: Department of Obstetrics and Gynecology, Department of Biochemistry, Department of Advanced Level Therapy, Department of Advanced Level Surgery, Department of Dermatovenereology and Cosmetology, Department of Infectious Diseases, Department of Oncology, Department of Ophthalmology, Department of Propaedeutics of Internal Diseases and Occupational Diseases, Department of Psychiatry named after professor V.I. Bagaev, Department of Family Medicine and Polyclinic Therapy, Department of Intermediate Level Therapy. Among the heads of departments of the Faculty of General Medicine, 9 have the degree of «Doctor of Sciences», 3 have a «Candidate of Sciences» degree.

The departments of the Faculty of General Medicine, implementing the educational program 31.05.01 General Medicine, have the resource potential to carry out the educational process (according to interviews, self-assessment report): the level of staff coverage is 317 people, of which 244 (76.9%) are the main employees. 203 teaching staff have an academic degree and title, including 30 teaching staff - the academic title of "Professor" and 173 teaching staff - the academic title of "Associate Professor" (appendix 14 of the report). Academic degree holders rate among the staff implementing the EP in the specialty 31.05.01 General Medicine is almost 64%. 73 teaching staff - external specialists, highly qualified practical healthcare workers - take part in the educational process. 26 University employees who implement the EP "General Medicine" are the chief freelance specialists of the Ministry of Healthcare of the Kirov region. Teaching staff has a high level of qualification and competence, only 19% of teaching staff have less than 10 years of experience in scientific, pedagogical and clinical work.

Infrastructure of the University ensures practice-oriented training and the use of modern information and simulation technologies, including multidisciplinary Clinic (the capacity of the bed fund is 95 beds), a Multi-profile accreditation and simulation center (MAS center), which is used for mastering practical skills by students, conducting primary accreditation.

Graduates of the EP "General Medicine" have the opportunity to find employment in medical organizations as a general practitioner; doctor of preventive medicine; admitting physician. They can also continue their studies in residency, postgraduate studies and receive additional professional education. The employment rate of University graduates is almost 90%.

The international cooperation of the University is carried out on the basis of 17 agreements on long-term bilateral international cooperation with foreign universities and scientific

organizations in the field of education and science with the countries of Europe and Asia, the CIS. Within the framework of the agreements, more than 200 Grants have been implemented for participation in international educational programs, seminars and schools in Germany, Austria, Sweden, Italy, the Netherlands, and France. International events are organized to attract foreign specialists to solve topical issues of education, science and health.

The University has created an infrastructure that allows for implementation of socially significant scientific projects in priority areas. Kirov State Medical University is accredited for the right to conduct clinical trials ([Certificate of accreditation for the right to conduct clinical trials of medicines for medical use](#)). The University implements 44 scientific projects (20 research projects in the framework of fundamental research and 24 research projects in the field of applied research) at the expense of external funds and funds of Kirov SMU (University grant). 56 contracts have been concluded for conducting scientific research commissioned by organizations and enterprises, including conducting clinical trials (the total amount of funding amounted to 28239626.66 rubles).

At the departments of the Faculty of General Medicine, 17 scientific projects are being implemented in various areas in the field of medicine, among which the most significant are: "An open comparative study of preventive efficacy and a non-comparative study of the immunogenicity and safety of the drug CoviVac (coronavirus inactivated whole-virion concentrated purified vaccine) produced by M.P. Chumakov Federal Scientific Center for Research and Development of Immunobiological Drugs of the Russian Academy of Sciences (Polio Institute), on healthy volunteers aged 18 to 60 years", "Prospective observational multicenter registry study of patients with chronic heart failure in the Russian Federation (PRIORITY-CHF)"; "Observational program for the study of the preventive vaccine "BiVak-polio" to clarify non-specific (including anti-covid immunity, developed by specialists of the M.P. Chumakov Federal Scientific Center for Research and Development of Immunobiological Drugs"; "Clinical study of the 2-3 phase of the antitussive whole-virion vaccine produced by the Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov" and others (interviews, documents).

The list of research works includes scientific projects carried out at the University in cooperation with foreign partners.

The commercialization of the technology of scientific research in the accredited EP 31.05.01 General Medicine is due to the research on the creation and adaptation of a vaccine against COVID-19.

Scientific society of young scientists and students (NOMUS, Regulations on the scientific society of Young Scientists and Students) organizes participation of students in conducting scientific research in accordance with the main fields of research activities of the University. About 50% (1494/2911) of students participate in scientific research, implementing the knowledge they gained regarding methodological aspects of conducting scientific work (reference of the Vice-rector for scientific, innovative work and connections with practical healthcare). In 2022, students took part in 55 conferences in 20 regions of the Russian Federation and 5 foreign countries. According to the research results, 321 scientific papers have been published (including 65 articles in journals), 3 patents have been obtained, 286 reports have been made. 65 diplomas of the conference winners were received.

DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The international program accreditation of the EP 31.05.01 General Medicine according to IAAR standards is held for the first time.

DESCRIPTION OF THE VISIT OF THE EXTERNAL EXPERT COMMISSION

The external expert commission (The Commission, the EEC) was working in accordance with the approved Program of the expert commission visit within the program accreditation of educational programs of Kirov SMU from 5 till 7 December 2023.

For coordination of the Commission an introductory meeting was held on 1 November 2023 during which powers were distributed among the members of the Commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

To obtain objective information about the quality of educational programs and the entire infrastructure of the University, to clarify the content of self-assessment reports, meetings were held with the rector, vice-rectors of the University in areas of operations, heads of structural units, deans, heads of departments, teachers, students, graduates, employers. A total of 126 representatives took part in the meetings (Table 1).

Table 1 - Information about employees and students who took part in the meetings with the external expert commission of IAAR:

Category of participants	Number
Rector	1
Vice-rectors and Chief of Rector's Office Staff	5
Heads of structural units	21
Deans	3
Department heads	11
Teachers	28
Students	36
Graduates	12
Employers	9
Total	126

The plan of reviewing material and technical base of the University has been changed. During the tour, the members of the EEC reviewed with the state of the material and technical base of the University, visited 2 academic buildings, where the anatomical museum and the Multi-profile Accreditation and Simulation Center (academic building No. 2) are located; the library (academic building No. 1), dormitory No. 4.

Meeting of the EEC with target groups of Kirov SMU was aimed at clarifying the mechanisms for implementing the University's policy and specifying selected data presented in the University's self-assessment report.

MAS Centre has simulators and robots of realism I-VI level for practicing basic and advanced cardiopulmonary resuscitation, providing emergency and intensive medical care, surgical (including endoscopic) interventions; a maternity room with the possibility of resuscitation of newborns, outpatient rooms for physical examination of various systems and organs of patients of different periods of ontogenesis, rooms for the formation of skills for conducting therapeutic and diagnostic procedures and manipulations. However, it should be noted that development and assessment of practical skills using phantoms in the MAS center are aimed at students passing accreditation, and not at training within the framework of implementing the EP "General Medicine". Training of General Medicine students is carried out mostly under the declarative principle of teaching staff than on a systematic basis, and indicates that the resources of the MAS centre are not fully used by students to master their practical skills (interviews, visits to the MAS center).

Library support of the educational process meets the requirements of the Federal State Educational Standard of Higher Education (FSSES HE). It is represented by printed or electronic resources, access to which is provided when visiting the library, through the personal account of teaching staff and students. The University uses the following information systems: "Electronic

information educational environment of the University", "1C: Prof. University", "1C Medicine"; electronic library systems (<https://elib.kirovgma.ru/>), research databases, legal reference systems, etc.

Teaching staff and students have access to resources, including those containing standards of providing medical care, to electronic library systems ELS "Student's consultant" (<https://www.studentlibrary.ru/>), ELS "Doctor's consultant" (<http://www.rosmedlib.ru/>), to Russian (<https://www.elibrary.ru>, <https://dlib.eastview.com/browse>, <https://rnmj.ru/>) and foreign electronic resources (<https://link.springer.com/>, <https://link.springer.com/>, <https://www.orbit.com> и др.).

The members of the EEC visited the following practice facilities: the Clinic of Kirov SMU (64 Shchorsa St.); Kirov Regional Clinical Hospital (42 Vorovskogo St.), where the Department of Advanced-Level Therapy and the Department of Advanced-Level Surgery are located.

During the visit to the Clinic of Kirov SMU (the University's own clinic), the Commission found that this healthcare institution is a multidisciplinary hospital with a capacity of 95 beds (91 of them are in round-the-clock inpatient facility, 4 beds are in day patient facility). The management of the Clinic is carried out by Vershinin A.V. (director). The structure of the Clinic includes: department of medical rehabilitation for patients with central nervous system disorders, department of medical rehabilitation for patients with somatic diseases, department of anesthesiology and intensive care; surgical department, neurological department, therapeutic department, consulting and diagnostic department, clinical diagnostic laboratory, computed tomography room, X-ray room, endoscopy room, office functional and ultrasound diagnostics, where specialized medical care is provided. It is equipped with modern equipment that allows students to master practical skills during practical classes, practical training, and residency training. Interview of employees of the Clinic (Director Vershinin A.V., Deputy Director for medical work Bakulina E. V., Deputy Director for organizational and methodological work Byakova O.M., Head of the Neurological Department Mkrtychyan E. V., Head of the Therapeutic Department Malchikova S. V. (MD, Professor of the Department of Advanced-Level Therapy), Head of the Surgical Department Tsibilev R. V., showed that the clinic is not only a facility for implementation of educational process, but also for conducting scientific research, including clinical research, which contributes to strengthening the relationship between scientific research and education. Provision of medical care to patients is based on constructive interaction and joint responsibility of the Clinic and the teaching staff of the University for the quality of specialist training and the quality of medical care, and characterizes one of the strengths of the implementation of the EP "General Medicine".

Kirov Regional Clinical Hospital is the largest multidisciplinary medical institution in the region and one of the oldest hospitals in Russia (founded in 1802), with a capacity of 865 beds. The structure of Kirov Regional Clinical Hospital includes: polyclinic, hospital, which includes departments of surgical profile (neurosurgical department, surgical department, department of vascular surgery, department of X-ray surgical methods of diagnosis and treatment, cardiac surgery department, department of anesthesiology and intensive care, ophthalmology department, otorhinolaryngology department, gynecological department, urology department, maxillofacial department surgery, regional vascular center); therapeutic departments (gastroenterology department, cardiology department, neurological department, nephrology department, rheumatology department, Intensive care unit No. 3, pulmonology department, endocrinology department, physiotherapy department, hyperbaric oxygenation department); diagnostic departments, hemodialysis department. The hospital provides specialized and high-tech medical care. More than 23 thousand patients are treated annually, more than 20 thousand surgeries are performed in 18 operating rooms, of which 5,000 are high-tech. The hospital is equipped with modern equipment that allows students to master practical skills during practical classes, practical training, and residency training.

Kirov Regional Clinical Hospital is a modern facility for students to master knowledge and skills in the field of surgery, where the Department of Advanced-Level Surgery is located (Head

of the Department, MD, Professor Bakhtin V.A.). When visiting the Department of Advanced-Level Surgery, it should be noted that the human resources, material and technical resources allows for educational and medical activities (classrooms, teaching staff offices, patient wards, operating rooms, etc.). Interview with the deputy chief physician for surgery Yanchenko V.A., head of the department, Doctor of Medical Sciences, Professor Bakhtin V.A., associate professor, Candidate of Medical Sciences, Onuchin P.G. testifies to the effective joint work of teachers of the department and hospital staff, including participation in the educational process (conducting classes, practices, intermediate and final examination), conducting scientific research, conducting surgical operations and providing medical care, helping patients. Teaching staff and students are provided with access to patients and hospital equipment.

The members of EEC attended a practical lesson on the topic "Diseases of the pancreas", conducted by A.V. Patlasov, a teacher of the Department of Advanced Surgery. Understanding of the topic "Diseases of the pancreas of the articular syndrome" was ensured by discussing the mechanism of disease formation with students, accompanied by comments from the teacher. During the lesson, an oral survey using a laptop was used. However, the oral survey was a presentation of the material by the teacher with group comments from students. The student receives an individual assessment on the understanding of the topic at the end of the lesson based on a test. During the observation of the educational process, the use of modern educational technologies was not demonstrated.

Kirov Regional Clinical Hospital is a modern facility for students to master knowledge and skills in the field of therapy (cardiology, rheumatology, gastroenterology, endocrinology), where the Department of Advanced Level Therapy is located (head of the department, MD, Professor Simonova Zh. G.). The hospital structure includes a polyclinic and therapeutic departments (gastroenterology department, cardiology department, neurological department, nephrology department, rheumatology department, intensive care unit No. 3, pulmonology department, endocrinology department, physiotherapy department, hyperbaric oxygenation department), where students master the skills of providing medical care to a patient in inpatient and outpatient settings - polyclinic conditions. The Department of Advanced Level Therapy has resources for educational activities (lecture hall, classrooms, teaching staff rooms), has access to department patients and equipment. The staff coverage is 100%, academic degree holders rate is 80% (12 teaching staff have an academic degree, including 2 - MD and 10 PhD, 2 - academic title "professor").

The members of EEC attended a practical lesson on the topic "Differentiated diagnosis of joint syndrome", conducted for 6th-year students by the teacher of the Department of Advanced Level Therapy L.A. Smirnova (PhD, Associate professor). Understanding of the topic "Differentiated diagnosis of articular syndrome" was carried out by discussing the criteria for the differential diagnosis of this disease with students, accompanied by comments from the teacher. An oral survey was used during the lesson. However, the oral survey was a presentation of the material by the teacher with group comments from students. The student receives an individual assessment on the understanding of the topic at the end of the lesson based on a test. During the observation of the educational process, the use of modern educational technologies was not demonstrated.

Interviews of heads of departments and teaching staff show their lack of awareness of modern educational technologies in teaching, such as Problem-Based Learning (PBL); Team-Based Learning (TBL); Case-Based Learning (CBL); Research-Based Learning (RBL).

In accordance with the accreditation procedure, a survey of 113 teachers was conducted, of which the proportion of teaching staff implementing the EP "General Medicine" amounted to 33.6%. 319 students took part in the survey, among whom the proportion of students enrolled in the EP "General Medicine" was 81.2%.

In order to confirm the information provided in the Self-assessment Report, external experts requested and analyzed documentation of the University. Along with this, the experts studied the

Internet positioning of the University through the official website of the university <https://kirovgma.ru/>.

As part of the program, recommendations for improving accredited educational programs of Kirov SMU, developed by the EEC based on the results of the visit, were presented at a meeting with the administration on 07.12.2023.

COMPLIANCE WITH STANDARDS OF PROGRAMM ACCREDITATION

6.1. Standard «Mission and Outcomes»

The evidentiary part

The educational programme in the specialty 31.05.01 General Medicine is implemented at the University in accordance with the Federal State Educational Standard of Higher Education in the relevant field of study (specialty), [Programme of Strategic Development of Kirov SMU for 2021 – 2030](#) («Development Program of FSBEI HE «Kirov SMU» The Ministry of Healthcare of the Russian Federation for 2021-2030), and other legal acts.

The Mission of the University was defined in accordance with the priority directions of the University's development, set up in the [Programme of Strategic Development of Kirov SMU for 2021 – 2030](#) («Development Program of FSBEI HE «Kirov SMU» The Ministry of Healthcare of the Russian Federation for 2021-2030). The mission of the University is available on the University's website (<https://kirovgma.ru/smk-kirovskoy-gma>).

The Mission of 31.05.01 General Medicine has been worked out in accordance with the Mission of the University, which strategic goal and target model are defined в [Programme of Strategic Development of Kirov SMU for 2021 – 2030](#), [Quality policy](#) etc. It is presented in the structure of the "Main professional educational program of higher education", posted on the University's website <https://kirovgma.ru/sveden/education/oop>.

The mission of the educational program "General Medicine", presented in the "Basic professional educational program of Higher Education "General Medicine" (EP), was developed taking into account the regulatory legal documents of the Russian Federation, the professional standard and the approved competencies of the graduates, posted on the University's website. In the EP "General Medicine" there are final learning outcomes that correspond to the stated Mission of the educational program and the institutional Mission. However, posting the Mission of the EP "Therapeutic Action" and information about the final results of training on the University's website does not provide access to all external stakeholders (report, interview).

The process of developing and approving the Mission of the University and the EP "General Medicine" is presented in the Quality Manual of the University's QMS. The main stakeholders are involved in the development of the Mission at various stages: faculty, students, representatives of practical healthcare (report).

The mission of the MPEDP "General Medicine" was approved by the Academic Council of the University (Protocol No. 5 dated 05.28.2021), in the development of which the vice-rector for Academic Affairs, deans of faculties, head of the educational and methodological Department (EMD), professors and associate professors of clinical and non-clinical departments, students, including foreign ones. However, the existing communication strategy, within the framework of which the process of informing stakeholders about the need to develop and revise the Mission of the University or MPEDP "General Medicine", including the use of various communication channels (website, social networks, electronic letters, etc.), does not ensure the involvement of all participants in the educational process in the development and updating the Mission of the University or MPEDP "General Medicine", and requires improvement (interview).

The institutional autonomy of the University provides the independent development of the MPEDP with compliance of the requirements of the Federal State Educational Standard (FSSES

HE), approved by the Degree of MSHE Russia dated 12.08.2020 № 988, carrying out the recruitment and evaluation of staff, the allocation of resources, including decent salary for teachers; the introduction of a motivational system for teaching staff and students, which is carried out in accordance with the requirements of the NAAR accreditation standards.

MPEDP "General Medicine" was developed on the basis of [Federal State educational standard of higher education in the specialty 31.05.01 General Medicine](#), approved by the Decree № 988 of the Ministry of Science and Higher Education of the Russian Federation dated 08.12.2020, independent from the Government of the Russian Federation, regional and local authorities, the Ministry of Healthcare of the Russian Federation, professional medical associations and other state and public management bodies.

The MPEDP is developed by teachers of departments, as well as a working group including the head of the educational program, members of the academic council of the Faculty of General Medicine and the Faculty of Foreign Students, Educational and Methodological Board with the involvement of healthcare workers and students. The MPEDP is coordinated with the University Academic Services Office and approved by the Academic Board of Kirov State Medical University. The discussing of the academic course working programme of the MPEDP is carried out by teachers at the meetings of the department. The Student Council also implements projects to improve the quality of education.

When developing, the faculty can independently determine the duration of the academic semester, the number of biomedical, behavioral, and clinical disciplines, elective disciplines, and types of practical training. All the above mentioned facts ensure the compliance of the MPEDP with national and international requirements. At the same time, it should be noted that the academic freedom of students in choosing elective classes is limited due to their low awareness of the procedure of this process (interviews).

The implementation of the MPEDP "General Medicine" ensures the formation of universal, general professional and professional competencies. Universal and general professional competencies correspond to the Federal State Educational Standard for the specialty 31.05.01 General Medicine. Professional competencies correspond to the Professional standard "Physician". According to Decree № 206N of the Ministry of Healthcare of the Russian Federation dated May 2, 2023 a graduate can be offered the following job positions: general practitioner, physician, emergency department physician. These competencies are the basis for the career growth of graduates, continuing education at the postgraduate level and continuous professional excellence.

The graduate demonstrates the final results of his studies at the State Final Examination (SFE). Integration and coordination of the final learning outcomes is carried out by the clinical departments of the University. This task is fulfilled by the heads of departments as well as informing the students.

The University provides the necessary conditions for all students to study the MPEDP, as well as fulfill their obligations to acquire the necessary knowledge, skills and abilities for further professional activity and cooperation with doctors and teachers, communication with patients and their relatives in accordance with accepted standards of conduct, the Russian Federation legislation, and University local regulations, including Internal Regulations (https://kirovgma.ru/sveden/files/Pravila_vnutrennego_rasporyadka_dlya_obuchayuschixsya).

The internal regulations of students and other local regulations adopted at the University fix the issues of compliance with academic discipline, the basics of organizing the educational process, the students' dress-code, the rights and obligations of students, disciplinary penalties and rewards. The University has a union committee of students, a Student Council, a local ethics committee, a commission for the settlement of disputes between participants in educational relations, a council for educational work, at whose meeting (with the involvement of employees of the psychological counseling service, [Law Division](#)) the issues of compliance with the norms of behavior in the team, violations during the educational process, behavioral violations are considered. These structures are guided in their activities by the provisions governing their activities.

University students are involved in conducting research by preparing scientific reports by students, participating in the scientific society of young scientists and students (SSSS), student scientific circles of departments, scientific conferences, regional, national and international scientific forums.

To improve the curriculum and educational program, the University uses the results of the State Final Examination of graduate competencies and survey data (students, teachers, employers, graduates), which are discussed at meetings of the Academic Council of the University.

The Analytical Part

The mission of the educational program "General Medicine" was developed in accordance with the normative documents of the Russian Federation, the professional standard and approved graduate competencies, reflects the purpose and strategy of the University's Mission, consists in the formation of universal, general professional and professional competencies in accordance with the requirements of the Federal State Educational Standard for Higher Education, in the training of highly qualified specialists, in the formation of personality, capable of becoming a leader in the global community, in educating a decent citizen of her country.

The implementation of the MPEDP "General Medicine" ensures the formation of universal, general professional and professional competencies, which are the basis for the career growth of graduates, continuing education at the postgraduate level and continuous professional improvement. In the MPEDP "General Medicine" there are final learning outcomes that correspond to the stated Mission of the MPEDP and the institutional Mission. However, the mission of the MPEDP and information about the final learning outcomes are not available to all external stakeholders, although they are posted on the University's website and presented in the structure of the "Basic Professional Educational Program of Higher Education", which does not meet the requirements of the NAAR accreditation standards.

The University has developed a Quality Policy, a Regulation on the structure, procedure for the development and approval of the main professional educational program of higher education, regulating the implementation of educational activities, taking into account the requirements of the Federal State Educational Standard of Higher Education in the relevant field of training (specialty). The University has institutional autonomy in the development, compilation and implementation of the MPEDP "General Medicine", which is carried out in accordance with the requirements of the NAAR accreditation standards.

The analysis of the participation of stakeholders (teaching staff, students, graduates, employers, representatives of practical healthcare) in the formulation of the mission and expected learning outcomes showed their low awareness of this process, does not ensure the involvement of all participants in the educational process in the development and updating of the Mission of the University or the MPEDP "General Medicine", which is due to insufficient work to promote and popularize the Mission of the University and the Mission of the MPEDP "General Medicine" among the main participants in the educational process, the lack of a systematic approach to its organization, which does not meet the criteria of the NAAR standard and requires improvement (interview).

There is a slight representation of students, graduates, employers, representatives of practical healthcare in the collegial bodies of the University: the Academic Council of the University (1 out of 32), the Academic Council of the Faculty of Medicine (1 out of 20), at whose meeting the Mission of the University and the Mission of the MPEDP (interviews, documents) is approved, which affects the process promoting the Mission of the University and the Mission of the MPEDP among stakeholders.

Interviews of participants in the educational process (teaching staff, students, employers, representatives of practical healthcare) also showed that it is not fully ensured that the stated Mission of the MPEDP "General Medicine" and the expected results are based on the opinion/proposal of other stakeholders, which does not meet the criteria of the NAAR standard.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the EEC

1. The Dean of the Faculty of General Medicine and the Head of the MPEDP should bring to the attention of the stakeholders (students, teaching staff, employers, representatives of practical healthcare) the Mission of the MPEDP "General Medicine" by ensuring its accessible placement on the University's website. The deadline is June 2024.

2. The Dean of the Faculty of General Medicine and the Head of the MPEDP are recommended to ensure the participation of the main stakeholders (students, teaching staff, employers) in the formulation of the Mission of the MPEDP "General Medicine" and the expected learning outcomes. The deadline is within the 2023/2024 academic year.

3. The Dean of the Faculty of General Medicine and the Head of the MPEDP should ensure that the stated Mission of the MPEDP "General Medicine" and the expected results are based on the opinion/proposal of other interested parties. The deadline is June 2024.

The conclusions of the EEC according to the criteria:

- ***Strengths – 0***
- ***Satisfactory – 10***
- ***Requires improvements – 3***
- ***Unsatisfactory – 0***

6.2. Standard "Educational program"

The evidentiary part

The educational program 31.05.01 General medicine was developed in accordance with the Federal State Educational Standard of Higher Education ([Decree](#) of the Ministry of Education and Science of the Russian Federation from 12.08.2020 № 988), regulatory and procedural documents of the Ministry of Healthcare of the Russian Federation, the Ministry of Education and Science of the Russian Federation, the Ministry of Labor of the Russian Federation.

[Major professional education degree programme \(MPEDP\) for specialty 31.05.01 General Medicine](#) approved by the Academic Council of Kirov SMU on 28.05.2021, Record No. 5 and by the Rector on 31.05.2021. The structure of the EP includes a matrix of competencies, a curriculum, a calendar training schedule, work programs of disciplines (modules), practices, as well as evaluation and methodological materials. The total volume of the educational program is 360 credit units (CU). The structure of the EP corresponds to the Federal State Educational Standard in the field of medical education (specialty level) and consists of three blocks. Block 1 is represented by the disciplines of the mandatory part (a total of 297 units) and the disciplines belonging to the part formed by participants in educational relations (15 units). Block 2 includes practices (45 units), including those related to the mandatory part (36 units) and parts, formed by participants in educational relations (9 c.e.). Block 3 – state final examination (3 c.u.). The volume of elective subjects is 18 credits for the entire period of study. The duration of the implementation of the EP "General Medicine" is 6 years.

Educational process in the EP is carried out using traditional and modular learning systems, representing the sequence of mastering disciplines. The modular system in the report is presented in the form of cycle classes (disciplines) in senior courses (4-6). Starting from the 3rd year, students can form an individual EP with a choice of elective subjects. It should be noted that the EP does not represent an integrated learning model based on disciplines, organ systems, clinical problems and diseases, built on a modular or spiral design (interviews).

The report describes a way of building the EP "General Medicine", based on the repeated development of one competence in different disciplines, contributing to a better and in-depth

mastery of competencies. An example of the formation of the general professional competence of OPC-5 is given (report).

Educational process consists of both traditional methods (lectures, practical and seminar classes) and modern ones (business and role-playing, brainstorming method, small group method, case study method, portfolio, work on simulators), which correspond, among other things, to the principles of androgogical learning. The EP includes various types of compulsory practice and clinical work in senior courses. The interview shows the lack of awareness of teaching staff about modern educational technologies in teaching (Problem-Based Learning (PBL); Team-Based Learning (TBL); Case-Based Learning (CBL); (Research-Based Learning RBL). Although clinical departments actively use Case-Based Learning (CBL) using situational tasks, business role-playing team games.

The EP "General Medicine" provides for independent work of students, which, along with modern teaching methods, encourages students to take responsibility for their learning process. One of the forms of independent work is electronic portfolio in a personal account, which allows students to form the skill of self-assessment and analysis of their progress and prepares a future doctor for lifelong learning. However, interviews with teaching staff and students indicate a low level of their awareness of teaching and learning methods that stimulate, support and prepare students to take responsibility for their learning process.

EP "General Medicine" provides an opportunity to master the disciplines (modules) by choice in accordance with the "Order of mastering elective and optional disciplines (modules) according to the programs of higher education of FSBEI HE Kirov SMU MOH Russia," which regulates the right and procedure for students to choose academic disciplines within elective courses (elective disciplines), ensuring their active personal participation in the formation of not only an individual educational trajectory, but also the formation of personal responsibility for the learning process in accordance with the needs (Record of the Academic Council No. 7 dated 30.08.2022, Order No. 476-OD dated 01.09.2022). The volume of elective subjects studied in the 3rd year is 2 c.u., in the 6th year – 5 c.u. From the 3rd year, students can choose to study academic disciplines: Dietetics, Modern methods of functional diagnosis of human prenosological conditions, Biochemical foundations of a healthy lifestyle, Statistical methods in evidence-based medicine, etc. In the final year – Modern methods of diagnosis and treatment of chronic venous diseases; Medical information resources and systems; Lean technologies in healthcare; Clinical and laboratory diagnostics of diseases of the blood system; Ultrasound diagnostics in the practice of a district general practitioner; Clinical vaccinology; Rehabilitation of patients after acute coronary syndrome; Reproductive health issues; Borderline mental disorders with the basics of psychotherapy; Clinical laboratory diagnostics, etc. (report). The Commission was provided with the order of the Dean of the Faculty of Medicine on the distribution of 3rd-year students of the EP "General Medicine" for elective courses for the 2023/2024 academic year (order "On distribution of students of the Faculty of Medicine in the specialty 31.05.01 General Medicine for the study of elective disciplines for the 2023/2024 academic year, dated 01.09.2023 No. 121/1). However, interviews with teaching staff and students showed their low awareness of the procedure for choosing elective subjects (elective courses), which is necessary to ensure formation of an individual learning trajectory and personal responsibility for learning.

Development and control over the implementation of the EP is carried out by the Dean's office of the Faculty of General Medicine and the educational and methodological department of the University. The EP is updated annually in terms of the composition of disciplines (modules) established in the curriculum and (or) the content of working programs of disciplines (modules), working programs of practices, methodological materials that ensure implementation of appropriate educational technology, taking into account development of science, medicine, healthcare, social sphere, economy, focusing on the expectations of consumers, the main employers, recommendations developed by the quality management system of Kirov SMU (extract from Record No. 5 of the meeting of the Academic Council of the University dated 28.05.2021). The EP was revised due to the need to make changes related to the implementation of the national

projects "Healthcare" and "Demography" in the Russian Federation, the pandemic of the novel coronavirus infection.

The University ensures compliance with the principles of equality in relation to students, regardless of their gender, ethnicity, religion, sexual orientation, socio-economic status and physical abilities. The University creates special conditions for the development of an educational program for people with disabilities and people with disabilities. The University has developed working program on adaptive physical education and sports; instructions for employees of the University on ensuring accessibility of facilities and services provided for disabled people, as well as providing them with the necessary assistance; instructions for accompanying disabled people and persons with disabilities with necessary changes to the job descriptions of employees ([«Instruction on accompanying disabled people or persons with disabilities in FSBEI HE Kirov SMU MOH Russia»](#), Decree № 189-OD dated 07.04.2022, report).

The University implements programs of civic and patriotic education aimed at formation of Russian civic identity, culture of tolerance, and social competence in the field of ethnic and interfaith interaction.

The University implements disciplines and practices (both mandatory and variable, including elective disciplines) aimed at formation and development of principles of scientific methodology, including methods of analytical and critical thinking, synthesis and systematisation of the data obtained, which is achieved by mastering both natural science, general education, and specialized, professional sections (disciplines, modules).

Students mastering the principles of evidence-based medicine is implemented during lectures, practical classes in a number of disciplines (Clinical Pharmacology, Advanced Level Therapy, Advanced Level Surgery, etc.), forming students' readiness to analyze and publicly present medical information on the basis of evidence-based medicine. OThe skills of solving clinical problems are obligatory for mastering both fundamental disciplines (Anatomy, Biology, Biochemistry, Normal Physiology, Pathological Anatomy, Pathophysiology, Topographical Anatomy and Operative Surgery, Pharmacology) and clinical disciplines (Intermediate Level Surgery, Advanced Level Therapy, Intermediate Level Surgery, Advanced Level Surgery, Obstetrics and Gynecology). Practically acquired knowledge and skills of using the principles of scientific methodology are consolidated during educational practice and research work.

Available are resources of functioning research laboratories and highly qualified consultants. The results of research are introduced into the educational process at the departments of the University, which is established by the act of introducing results of scientific research (acts are provided). At the same time, interviews with teaching staff and students did not demonstrate their awareness of the structural unit and the procedure for planning and implementing innovations in the educational institution.

Scientific society of young scientists and students (NOMUS, [Regulations on the scientific society of Young Scientists and Students](#)) organizes participation of students in conducting scientific research in accordance with the main fields of research activities of the University. About 50% (1494/2911) of students participate in scientific research, implementing the knowledge they gained regarding methodological aspects of conducting scientific work (reference of the Vice-rector for scientific, innovative work and connections with practical healthcare). In 2022, students took part in 55 conferences in 20 regions of the Russian Federation and 5 foreign countries. According to the research results, 321 scientific papers have been published (including 65 articles in journals), 3 patents have been obtained, 286 reports have been made. 65 diplomas of the conference winners were received. The University provides financial support to students engaged in scientific research. Every year, more than 50 students receive an increased state scholarship for achievements in research work. Student activists of the University's student scientific society become holders of fellowship on various levels (self-report, report of the Vice-rector for Research).

The University Library provides access to national and international scientific databases.

The University has structural units ([Science and Innovation Department](#); [Department for Training of Highly Qualified Personnel](#); [Biomedical Biomodeling Centre](#); [Center for Clinical](#)

[research](#), 3 scientific laboratories - [laboratory for directed regulation of intermicrobial interactions in exo- and endomicroecological systems](#); [laboratory of pharmacological bioenergetics and membranology](#); [laboratory "Cariology"](#); Clinic of Kirov State Medical University), ensuring scientific activity and the implementation of results in the implementation of the EP "General Medicine" (self-assessment report, interview). The University is accredited for the right to conduct clinical trials ([Certificate of accreditation for the right to conduct clinical trials of medicines for medical use](#)). The University implements 44 research topics, of which 20 are fundamental research, 24 are applied research.

Throughout the entire period of training, the integration of results of junior courses in fundamental, general professional disciplines into the process of training in special, clinical disciplines is traced, which allows students to form clinical thinking based on the theoretical knowledge gained and their application in practice when making a clinical diagnosis and developing treatment methods for each individual patient.

The University has identified and included the achievements of basic medical sciences in the education of students in the EP "General Medicine". The main basic disciplines are studied in 1-6 semesters, the working programs of biomedical disciplines are annually developed and revised taking into account scientific, technical and clinical progress by teachers of the departments. The survey includes questions on the study of genomics, proteomics, regenerative medicine, etc. The biomedical cluster examines problems of aging management, starting with theories of aging and ending with mechanisms at the molecular and cellular levels; socially significant diseases associated with the influence of various factors (genetic, medical and social, climatic, environmental, etc.).

In the EP, basic biomedical disciplines are integrated with clinical disciplines, while modern achievements of biomedicine are included in the content of clinical disciplines. The review and introduction of new achievements of basic biomedical sciences into the curriculum is carried out by teachers of departments actively involved in scientific research and in various scientific forums.

Achievements of behavioral and social sciences are included in the EP "General Medicine", the report presents the main disciplines of junior courses that ensure formation of knowledge, skills and attitudes necessary to understand socio-economic, demographic and cultural conditions, causes, spread and consequences of health problems, knowledge about the national healthcare system and patient rights. The EP includes such disciplines as Law (1-2 semesters, 1st year) and Bioethics (2nd semester). Social sciences are taught in junior courses in parallel with the main medical disciplines. Both traditional and modern teaching methods are used in teaching these disciplines (report).

The content of disciplines in behavioral, social sciences, medical ethics and medical jurisprudence is reviewed annually at the departments, taking into account changes in public health indicators, current trends in the development of modern medicine (assessment of healthcare technologies, the use of IT in medicine, preventive and restorative medicine). In addition, all changes in regional, national and global health care are taken into account when revising the EP "General Medicine" and the content of disciplines.

Clinical training of students in the EP "General Medicine" provides for early contact between the student and the patient, including: academic disciplines "Educational practice. Introductory. General care" (1st year), "Nursing" (3rd semester, 2nd year). The University implements the competence-oriented principle of building an EP, focused on formation of general professional and professional competencies. The amount of hours and the content of the disciplines of the EP allows to master the declared competencies.

The working programs of clinical disciplines are built taking into account modern scientific achievements of biomedicine and clinical medicine, are focused on the needs of society and practical healthcare, contain the final results of training, are regularly reviewed and updated by staff of departments in accordance with current clinical recommendations, procedures and standards of medical care based on evidence-based medicine. Working curricula and teaching materials are available to students.

The University has its own multidisciplinary clinic and clinical facilities (17) in total, ensuring the necessary contact of students with patients of various profiles in the academic process and passing professional practices (9 types) to fulfill the Mission and achieve the goal of the EP "General Medicine", including: "Hospital-based practice. Practical training on obtaining professional skills and experience of professional activity of junior medical personnel"; "Hospital-based practice. Practical training on obtaining professional skills and experience of professional activity of nursing staff"; "Hospital-based practice. Practical training on obtaining professional skills and experience of professional activity at the posts of nursing staff"; "Hospital-based practice. Practice of diagnostic profile"; "Hospital-based practice. Therapeutic profile"; "Hospital-based practice. Surgical profile"; "Hospital-based practice. Practice of obstetrics and gynaecology profile"; "Hospital-based practice. Practice in emergency medical manipulations"; "Hospital-based practice. General medical practice".

When studying in medical organizations, great importance is paid to compliance with the internal Regulations of the clinic and creation of safe working conditions for students. Students annually undergo occupational safety instruction, preliminary (upon admission to the University), periodic (during their studies) medical examinations and necessary vaccination (according to epidemic indications from COVID-19, annually from influenza; according to the national vaccination calendar for measles, rubella, chickenpox, mumps and hepatitis B, diphtheria and tetanus). During clinical practice, in addition to the teachers of the department, highly qualified employees of healthcare institutions appointed by the chief physician are involved in working with students.

The University has a MAS center that allows students to develop practical and clinical skills using simulation technologies along with ensuring patient safety.

The EP is interdisciplinary and transdisciplinary, which is reflected in the working programs of the disciplines - in section 1.3 "Place of discipline (module) in the structure of MPEDP". The report provides an example of vertical integration of disciplines: Nursing (2nd year), Propaedeutics of Internal Diseases (3rd year), Intermediate Level Therapy (4th year), Advanced Level Therapy (5th year), Hospital-based practice. General medical practice (6th year), which is rather an example of the sequence of studying the disciplines of the EP (self-assessment report, interview). The curriculum for specialty 31.05.01 General Medicine includes issues of health promotion and preventive medicine, which are implemented in the study of the following disciplines: Biology; Hygiene; Physical Training; Medical Rehabilitation, Sports Medicine, etc. The programme includes the following subjects: Biology; Hygiene; Physical Education; Medical Rehabilitation, Sports Medicine, etc. Methods of alternative medicine and alternative practices, the effectiveness of which has not been scientifically confirmed, are not included in the educational program. As part of the educational process in the discipline "Medical rehabilitation, sports medicine", the use of kinetherapeutic methods and the use of natural and other physical means at the post-hospital (rehabilitation) stage is studied, which allows academic freedom to choose different points of view when describing and analyzing issues in medicine, helps to determine the relationship with complementary medicine, including non-traditional, traditional or alternative practice.

Management of the program. The following structures are responsible for the organization of preparation, development of MPEDP and its implementation:

- at the level of the faculty: graduating departments of the specialty 31.05.01 General Medicine, the Academic Board of the Faculty of Medicine, the methodical commission for the specialty 31.05.01 General Medicine, the methodical commission for educational programs implemented in a foreign language, the head of the educational program for the specialty 31.05.01 General Medicine, the dean's office of the Faculty of Medicine, the dean's office of the faculty of foreign students;

- at the University level: The Academic Board of the University, EMB, ASO.

Their activities are coordinated and directed by the Rector, Vice-Rector for Academic Affairs.

Development, approval and implementation of MPEDP is carried out in accordance with external and internal organizational and legal, normative, regulatory and methodological documents, such as [Procedure for the development and approval of curriculumes of higher education](#), [Regulations on the work programme of a discipline \(module\) of the main professional educational program](#), [Regulations on the programme of practice](#), [Procedure of Ongoing Assessment and End-of-course Assessment at FSBEI HE Kirov SMU MOH Russia](#), [Regulations on the system of quality assessment of educational activities and training of students](#), [Procedure for participation of a student of FSBEI HE Kirov SMU MOH Russia in the formation of the content of his/her professional education](#) and etc.

The EP at the Faculty is developed by a commission under the supervision of the head of the educational program, approved by the order of the Rector of the University. The head of the EP is responsible for the quality and completeness. Individual elements of the EP are considered at a meeting of the department (work programs of disciplines, practices), methodological commission of the specialty, the Faculty Council, Educational and Methodological Board (EMB). EMB, together with the deans, the head of the educational program and methodological commissions, coordinate and ensure control over the development of all components of the EP. The Dean of the faculty, Academic Services Office, is responsible for organizing preparation, development of the EP and its implementation. The Scientific Council of the University approves the EP "General Medicine". It should be noted that there is a small representation of students in the Academic Council of Kirov SMU (1 out of 32), the Academic Council of the Faculty of Medicine (1 out of 20), which decides on the approval of the EP, which limits their academic freedom to participate in the development and implementation of the EP ([Order No. 281-OD dated 25.05.2023 "On Amendments to Order No. 57-OD dated 01.02.2022 "On Approval of the Composition of the Academic Council of FSBEI HE Kirov SMU MOH Russia", etc.\)](#)).

There is constant monitoring of the implementation of the requirements of the Federal State Educational Standard of Higher Education (Record of the Academic Council of the Faculty of General Medicine No. 1 dated 21.01.2021). The Dean's Office of the Faculty of Foreign Students, the Academic Council of the Faculty of Foreign Students are responsible for managing the implementation of the EP for foreign citizens.

The functions are distributed among the structures responsible for the management of educational programs, taking into account the representation of students, teachers and practical health workers. The functions of the Academic Council of the Faculty of General Medicine include: analysis of performance indicators of the processes of design, development and implementation of curriculumsin the academic year is carried out in the process of the Academic Board of the Faculty of General Medicine (Record № 8, 22.09.2021); analysis of the organisationof educational process in remote form is carried out in the process of Educational and Methodological Board (Record № 5, 15.04.2021), analysis of the results of the state final examination of students (Record № 7, 27.08.2021, Record № 7, 28.06.2022, Record № 6, 24.06.2023), approval of work programs in disciplines in conjunction with Educational and Methodological Board (Record № 5, 17.05.2021).

Functions of Educational and Methodological Board: analysis of the organisationof the educational process in a remote form (Protocol No. 5 of 04/15/2021); approval of working programs in disciplines; analysis of the results of activities within the framework of an independent assessment of the quality of training of students (Protocol No. 5 of 05/19/2022, No. 6 of 05/18/2023)

Functions of the Academic Council of the University: analysis of organizations of practical training of students in the conditions of modern conclusions (protocols dated 09/24/2021 No. 8; dated 30.09.2022 No. 8; dated 09/29/2022 No. 8; dated 09/29/2023); distance learning organizations (Protocol No. 3 of 03/26/2021), perfect educational environment (Protocol No. 4 of 30.04.2021); analysis of the results of intermediate attestation and the results of the implementation of the basic professional educational program (the results of the state final certification of students) (Protocol No. 6 of 06/29/2021; Protocol No. 6 of 06/29/2022, Protocol

No. 6 of 06/28/2023; protocol apostille 4 from 29.04.2022; protocol apostille 11 from 23.12.2022; protocol apostille 4 from 28.04.2023).

The content of the disciplines' work programs is reviewed annually in accordance with scientific achievements and the needs of the healthcare system. The report indicates that teachers, students, administrative staff, employers, heads of medical organizations, as well as members of the State Final Examination (SFE), 50% of whose members are not university employees - representatives of the Ministry of Healthcare of the Kirov region and practical Healthcare (chief freelance specialists, chief physicians, deputy chief physicians of medical organizations). However, interviews with students and representatives of practical healthcare showed their low awareness of the processes and their opportunities to participate in the development and revision of the EP. According to representatives of practical healthcare, the most common form of their participation in the development and revision of the EP is the review of the EP.

Links to medical practice and the healthcare sector. When studying clinical disciplines, much attention is paid to the formation of competencies in accordance with Professional Standards, clinical skills are formed taking into account the current clinical recommendations and treatment standards in the country.

Upon completion of the EP "General Medicine", upon passing the final state exam, the level of development of the program and the competence of the graduate is assessed. The examination committee, along with teachers, includes representatives of employers (50%). Based on their recommendations, and taking into account the survey of graduates and students conducted by the departments and the dean's office of the faculty, the content of the disciplines is updated, the EP "General Medicine" is updated.

The University has departments responsible for the organization of postgraduate education (residency, postgraduate studies) (department of training of highly qualified personnel), continuing medical education (additional professional programs) (Institute of Continuing Additional Education, INDO), the structure of which includes: [Center for Continuing Medical Education](#), [Center for Additional Education](#), [Pre-University Training Center](#), [Multiprofile accreditation and Simulation Center \(MAS Center\)](#), [Educational and methodological center "Factory of processes"](#), [Multifunctional medical, psychological and pedagogical center «Academy of New Opportunities»](#), [Regional Speech Therapy Center](#). The INDO Center for Continuing Medical Education provides training in additional professional programs (advanced training and professional retraining); implementation of continuing medical education professional development programs for the accreditation of medical specialists. Kirov State Medical University has clinical departments of EP "General Medicine" (Department of Advanced Level Therapy, Department of Family Medicine and Polyclinic Therapy, Department of Advanced Level Surgery, Department of Dermatovenerology and Cosmetology; Department of Psychiatry named after V.I. Bagaev, Department of Ophthalmology, etc.) simultaneously implement programs of higher education (students and residents), additional professional education (advanced training, occupational retraining), science-oriented education (postgraduate studies), which allows teaching staff to provide an operational link between basic medical education and the subsequent stage of professional training of a specialist.

Department of practical training and employment of graduates deals with issues of adaptation and promotion of employment of graduates in healthcare institutions, organizations of vocational guidance events for students of the EP "General Medicine", including within the framework of the annual event "Job Fair"; organizes meetings of students with employers in online and offline formats; posts information about vacancies on the Department's online page "Employment and Practice in Kirov SMU" on the VKontakte social network <https://vk.com/club173375443>; monitors and evaluates satisfaction of employers and graduates with the quality of training at the University ([Regulations on the Department of practical training](#)). A digital career environment has been created based on the «Facultetus» platform, which allows an employer to post information about job vacancies, get to know graduates based on their

resumes, and participate in career events University (<https://facultetus.ru/kirovvgma>). In 2022, the employment rate of graduates of the Faculty of Medicine was almost 95%.

Analytical part

The educational program 31.05.01 General Medicine was developed in accordance with the Federal State Educational Standard of Higher Education, established by the Decree of the Ministry of Education and Science of the Russian Federation dated 12.08.2020 № 988; Professional standards for the group of specialties of the residency "Clinical Medicine"; regulatory and procedural documents of the Ministry of Healthcare of the Russian Federation, the Ministry of Education and Science of the Russian Federation, and ensures development of students' ability to for lifelong learning.

Interviews of heads of departments and teaching staff show their lack of awareness of modern educational technologies in teaching, such as Problem-Based Learning (PBL); Team-Based Learning (TBL); Case-Based Learning (CBL); Research-Based Learning (RBL). Although clinical departments actively use Case-Based Learning (CBL) using situational tasks, business role-playing team games.

Interviewing teaching staff and students showed their low awareness of the educational program model with modular or spiral structure, teaching and learning methods that stimulate, prepare and support students to take responsibility for the learning process, which does not meet the criteria of the IAAR standard.

As a result of familiarisation with the report, documents, as well as after interviewing, it was found that the University needs to organize teaching staff aimed at increasing their awareness of the educational program, including an integrated learning model based on disciplines, organ systems, clinical problems and diseases, based on modular or spiral design; teaching methods and training on the formation of students' responsibility for their learning process; to ensure the organisation of teaching methods based on the modern theory of adult education and their implementation in educational activities.

The University has created conditions for observing the principles of equality in relation to students, regardless of their gender, ethnicity, religion, sexual orientation, socio-economic status and physical abilities.

The scientific environment and educational resources of the University make it possible to implement the EP "General Medicine". During the implementation of the EP "General Medicine", work is carried out on the formation and development of scientific thinking among students, the principles of scientific methodology, and the involvement of students in conducting scientific research at all stages of the development of the OP. The University has structural units ([Science and Innovation Department](#); [Department for Training of Highly Qualified Personnel](#); [Biomedical Biomodeling Centre](#); [Center for Clinical research](#), 3 scientific laboratories - [laboratory for directed regulation of intermicrobial interactions in exo- and endomicroecological systems](#); [laboratory of pharmacological bioenergetics and membranology](#); [laboratory "Kariesology"](#); Clinic of Kirov State Medical University), ensuring scientific activity and the implementation of results in the implementation of the EP "General Medicine" (self-assessment report, interview). A system of rewarding students for achievements in the field of science has been introduced.

The results of research are introduced into the educational process at the departments of the University, which is fixed by the act of introducing the results of scientific research (acts are provided). At the same time, interviews with teaching staff and students did not demonstrate their awareness of the structure and procedure for planning and implementing innovations in the OP, which in general may have an impact on the effectiveness of updating the OP. In this regard, it is recommended to provide an opportunity to determine the structure responsible for planning and implementing innovations in the EP.

The University ensured that the achievements of basic biomedical sciences, concepts and methods of applying clinical scientific knowledge, scientific, technological and clinical developments that meet the expectations of society and the healthcare system were included in the

EP.

The development of behavioral and social sciences, medical ethics within the framework of the implementation of the EP "General Medicine" is provided in accordance with the requirements of the IAAR accreditation standards.

The University has created conditions for the development of clinical practical skills. The structure of the EP, content, and duration ensures that the relationship between basic biomedical, behavioral, social, and clinical disciplines is maintained. However, the EP does not fully integrate horizontally (related sciences and disciplines) and vertically (clinical sciences with basic biomedical, behavioral and social sciences).

The structure of the EP provides for the allocation of elective disciplines, the Regulation on elective and elective disciplines has been approved, which defines the procedure for their selection by students. However, the interview of the students showed their low awareness of the availability of elective disciplines and the procedure for their selection.

The University has identified the structure and officials responsible for development and implementation of the EP "General Medicine" at the faculty level (graduate departments in the specialty, the Academic Council of the Faculty of General Medicine, methodological commission, the head of the educational program, the dean's office of the Faculty of General Medicine, the dean's office of the Faculty of Foreign Students); at the University level (Academic Council of the University, Educational and Methodological Board, Academic Services Office); documents regulating development of the EP have been established. The optimisation of the EP is carried out on the basis of a survey of students and graduates, members of the State Examination Commission, 50% of which are representatives of practical healthcare. However, there is a slight representation of students in the Academic council of the University (1 out of 32) and the Academic Council of the Faculty of Medicine (1 out of 20), at which a decision is made to approve the EP.

The University provides a link between the EP and the subsequent stages of professional training by providing opportunities for training in residency, mastering additional professional programs. Annual monitoring of graduates' employment and satisfaction with the quality of their training by employers is carried out.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the External Expert Commission

1. The Dean of the Faculty of General Medicine, the Head of the educational program, together with the head of the Academic Services Office, is recommended to organize training for teaching staff aimed at increasing their awareness of the educational program, which includes an integrated learning model based on a modular or spiral design. The deadline is December 2024, then permanently.

2. The Dean of the Faculty of General Medicine, the Head of the educational program, together with the head of the Academic Services Office, is recommended to organize teaching staff, student-centered teaching and learning methods that stimulate, prepare and support students to take responsibility for the learning process, and ensure their implementation in educational activities. The deadline is December 2024, then permanently.

3. The Dean of the Faculty of General Medicine and the Head of the educational program should organize (ensure) informing teaching staff and students about the procedure for choosing elective disciplines (elective disciplines) in order to ensure a balance between the mandatory and elective parts of the educational program. The deadline is June 2024, then permanently.

4. To ensure (expand) the representation of students, practical healthcare, and graduates in collegial bodies (the Academic Council of the University, the Academic Council of the Faculty of Medicine) responsible for the development and approval of the educational program. The deadline is September 2024, then permanently.

5. The management of the University and the educational program is recommended to provide an opportunity to plan and implement innovations in the educational program through the

committee (Academic Services Office) responsible for the educational program. The deadline is during the 2024/2025 academic year.

The conclusions of the External Expert Commission according to the criteria:

- Strong – 0
- Satisfactory – 23
- Requires improvements – 5
- Unsatisfactory – 0

6.3. Standard “Assessment of students”

The evidentiary part

The University has adopted the following assessment levels: ongoing monitoring of academic performance in practical and final classes, practical training; midterm assessment - exams and tests upon completion of studying the disciplines and practical training; state final certification.

The student assessment policy at the University is defined by the “[Regulation on the System for assessing the quality of educational activities and training of Students at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#)”, which regulates the issues of internal and external control of students' knowledge, as well as their practical clinical skills. (Order No. 445-ОД dated 30.08.2019); “[The procedure for conducting the current control of academic performance and midterm assessment of students at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#)” (Protocol No. 7 of the Academic Council of Kirov State Medical University dated 30.08.2022, Order No. 481 dated 01.09.2022); “[The procedure for conducting the state final certification for higher education programs - bachelor's degree programs, specialist`s programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation.](#)”

The “[Procedure for conducting ongoing monitoring of academic performance and midterm assessment of students at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#)” defines the requirements for monitoring current academic performance and midterm assessment, as well as the procedure for eliminating academic debt under higher education programs at the University. [The State Final Examination program](#) sets out the criteria for assessing the formation of competencies in the state exam. A student who has successfully passed the intermediate certification in all disciplines of the curriculum is admitted to the State Final Examination.

The planned learning outcomes and methods for evaluating students' achievements are presented in the work programs of the disciplines and are available to students. Control and measuring methods for midterm assessment are obliged to internal (at the methodological commissions, the Academic Council of the Faculty of Medicine and Educational and Methodological Board) and external (work) expertise. The assessment of theoretical knowledge is carried out traditionally. Assessment of practical skills - traditionally (“at the patient`s bedside”) and on phantoms in the MAC-centre. However, it should be noted that the development and assessment of practical skills using phantoms in the MAC-centre are aimed at students passing accreditation, and not at training within the framework of the implementation of the educational program “General Medicine” (interviews, documents, visits to the MAC-centre).

The report indicated that when assessing practical skills at the MAC-centre, the Objective Structured Clinical Examination (OSCE) is used, which includes assessment sheets developed by the University staff and taken from the database of the Federal Methodological Center for Accreditation of Specialists. Interviews with teaching staff and students, the head of the MAC-centre demonstrated their low awareness of modern assessment methods, including the use of (OSCE), the development and use of passports of stations that are not used to prepare students for

accreditation. Training on the basis of the MAC-centre within the framework of the implementation of the educational program “General Medicine” is carried out more according to the declarative principle of teaching staff than on a systematic basis, and indicates that the resources of the MAC-centre are not fully used to master the practical skills of students (interviews, visits to the MAC-centre).

The results of the current monitoring of academic performance in disciplines (modules) are evaluated according to a four–point system – “excellent”, “good”, “satisfactory”, “unsatisfactory”, or according to a point-rating system implemented at the department and approved by Educational and Methodological Board.

The report describes a wide range of assessment methods and formats used in the implementation of the educational program “General Medicine”. At the same time, interviews with teaching staff and students did not demonstrate their awareness of assessment methods and formats depending on their “usefulness assessment”, including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format (interviews, visits to departments).

The report does not fully describe the procedure for determining the validity of the content and the validity of the conformity of assessment methods, criteria used and evaluation procedures. The interview of teaching staff and students did not demonstrate their awareness of the procedure for determining the validity of the content and the validity of the conformity of assessment methods, the criteria and assessment procedures used, the processes of documenting and evaluating the reliability and validity of assessment methods, the participation of external examiners in this process, which does not meet the criteria of the NAAR standard.

Consideration of individual achievements of students is included in the portfolio and reflected in the academic ranking throughout the entire period of study in the unified electronic system of the University “EILE” (electronic information and learning environment). To ensure transparency and independence of student assessment, external experts (employers, representatives of professional associations) are included in the examination commissions. The part of persons participating in the State Final Examination who are external experts, including representatives of the Ministry of Healthcare of Kirov region and practical healthcare (senior non-staff specialists, chief doctors, deputy chief doctors of medical organisations), is more than 50% (interview, University order “On approval of the composition of the state examination commission and the appeals commission in the direction of training 31.05.01. General Medicine (specialist` degree)” dated 05.05.2023 No. 245-ОД).

The University implements an appeal procedure, re-examination of students is carried out on a commission basis in accordance with the [“Procedure for conducting the current performance control and intermediate certification of students at the Kirov State Medical University of the Ministry of Health of the Russian Federation”](#) (Protocol No. 7 of the Academic Council of Kirov State Medical University dated 30.08.2022, Order No. 481 dated 01.09.2022); [“The procedure for conducting the state final certification in higher education programs – bachelor's degree programs, specialist`s programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation.”](#)

The Appeal Commission of State Final Examination is created by the order of the Rector of the University (“On approval of the composition of the state examination commission and the appeal commission in the field of training 31.05.01. “General Medicine” (specialist`s degree)” dated 05.05.2023 No. 245 ОД).

The appeal commission for the intermediate certification of students is created by the appointment of the vice-rector for academic affairs in each case that arises, which includes the most experienced teachers of the interested department and related departments.

A skills matrix and a passport of competencies were developed at the University for the educational program “General Medicine”. The work programs of disciplines and practical training contain a list of formed competencies and a list of manipulations that each student must master. The number of exams and credits is regulated by the curriculum of the specialty. When

interviewing participants in the educational process, it was found that the use of modern assessment methods, including the OSCE, is more focused on the accreditation of students than on the implementation of the educational program “General Medicine”

The report describes the procedure for formative and summative assessment. Interviews with teaching staff and students showed their low awareness of assessment methods and practices that are comparable to the planned learning outcomes and methods of teaching and learning, guarantee the achievement of planned results, provide an appropriate balance of formative and final assessment for the direction of study and decision-making on academic performance.

The students' portfolio is used, characterising their individual achievements.

Kirov State Medical University regularly conducts surveys of students to assess their satisfaction with the organisation of the educational process, learning outcomes, the quality of lectures, the quality of practical classes, the quality of the knowledge assessment system, the provision of educational literature, the organisation of practical training, the organisation of extracurricular activities, the results of which are discussed at the Academic Council and the Rector of Kirov State Medical University, are brought to the attention of the entire teaching staff (interviews).

The analytical part

At the University, the students' Assessment Policy is defined by the [“Regulations on the system for assessing the quality of educational activities and training of students at the Kirov State Medical University of the Ministry of Health of the Russian Federation”](#); [“The procedure for conducting ongoing monitoring of academic performance and midterm assessment of students at the Kirov State Medical University of the Ministry of Health of the Russian Federation”](#); [“The procedure for conducting state final certification of higher education programs - bachelor's degree programs, specialist's programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation”](#).

The University adopted the following assessment levels: current monitoring of academic performance in practical and final classes, practical training; intermediate attestation - exams and tests upon completion of studying the disciplines of practical training; state final certification. A system are introduced to attract external experts to evaluate students at the stages of midterm and state final attestation, ensuring the independence and transparency of this process.

An analysis of documents, interviews with teaching staff and students showed that the University does not fully use a wide range of assessment methods and formats, depending on their “usefulness assessment”, including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format. When evaluating practical skills, the MAS-centre uses the OSCE, which includes assessment sheets developed by University staff and taken from the database of the Federal Methodological Center for Accreditation of Specialists. There is a low awareness of teaching staff and students, the head of the MAC-centre about modern assessment methods, including the use of OSCE, about the development and use of station passports, which are not used to prepare students for accreditation. Training on the basis of the MAC-centre within the framework of the implementation of the educational program “General Medicine” is carried out more according to the stated principle of teaching staff than on a systematic basis, and indicates that the resources of the MAC-centre are not fully used to master the practical skills of students (interviews, visits to the MAC-centre), which does not meet the criteria of the NAAR standard.

There is a low awareness of teaching staff and students about assessment methods and formats, depending on their “usefulness assessment”, including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format. Also, the characteristics of the introduction of new assessment methods depending on the need, the use of assessment methods and formats depending on their “usefulness assessment” (interviews, visits to departments) are not presented.

There is a rather low awareness of teaching staff and students about the procedure for

determining the validity of the content and the validity of the conformity of assessment methods, the criteria and assessment procedures used, the processes of documenting and evaluating the reliability and validity of assessment methods, the participation of external examiners in this process, which does not meet the criteria of the NAAR standard.

There is a low awareness of teaching staff and students about assessment methods and practices that are comparable to the planned learning outcomes and teaching and learning methods, guarantee the achievement of planned results, ensure an appropriate balance of formative and final assessment for the direction of study and decision-making on academic performance.

When interviewing students and the teaching staff, it was found that the use of modern assessment methods, including the OSCE, is more focused on the passage of accreditation by students than on the implementation of the educational program “General Medicine”, which requires adjustments to the content, form of conduct, methods of assessment of the intermediate and final certification using the OSCE for stimulating the acquisition of knowledge and ensuring integrated learning

Individual achievements of students are considered, which is included in the portfolio and reflected in the academic rating throughout the entire period of study in the unified electronic system of the University “EILE”. The system of assessment result appeal is defined, regulated by the orders of the rector ([“The procedure for conducting ongoing monitoring of academic performance and intermediate certification of students at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation”](#); [The procedure for conducting state final certification for higher education programs – bachelor's degree programs, specialist's programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#)”).

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the Independent Expert Board

1. The Dean of the Faculty of General Medicine and the Head of the educational program, together with the ASO, ensure the introduction and use of criteria-based assessment methods, including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format. The deadline is the 2024/2025 academic year, then permanently.

2. The Dean of the Faculty of General Medicine and the head of the educational program, together with the ASO, ensure the openness of the assessment procedure and its results, informing students about the criteria and assessment procedures used. The deadline is during the 2024/2025 academic year, then permanently.

3. The Dean of the Faculty of General Medicine and the head of the educational program, together with the ASO, ensure the process of documenting and evaluating the reliability and validity of assessment methods, as well as attracting external examiners. The deadline is during the 2024/2025 academic year, then permanently.

4. The dean of the Faculty of General Medicine and the head of the educational program, together with the ASO, ensure the organisation of teaching staff assessment methods and practices that are comparable with the planned learning outcomes and teaching and learning methods, guarantee the achievement of the planned results, ensure an appropriate balance of formative and final assessment for the direction of study and decision-making on academic performance, with the purpose of further implementation in the educational process. The deadline is during the 2024/2025 academic year, then permanently.

5. The dean of the Faculty of General Medicine and the head of the educational program, together with the ASO, adjust the content, forms, methods of assessment of midterm and final certification using the OSCE to stimulate the acquisition of knowledge and ensure integrated learning. The deadline is during the 2024/2025 academic year, then permanently

The conclusions of the External Expert Board according to the criteria:

- Strong – 0
- Satisfactory – 5
- Requires improvements – 5
- Unsatisfactory – 0

6.4. Standard “Students”

Evidentiary part

At the University, admission to study in the educational program “General Medicine” is carried out by the admission committee in accordance with the Admission Rules, the Regulations on the Admission Committee ([Regulations on the Admission Committee](#)), the Regulations on the examination commission ([Regulations on Examination Commission](#)), the Regulations on the Appeal Commission ([Regulations on the Appeal Commission](#)), [the Regulations on the procedure for conducting entrance examinations for the disabled and people with limited capabilities](#), which are updated annually in accordance with state regulatory legal acts ([Rules of Admission to Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#), [Regulations on the Appeal Commission, detailing the issues of filing and considering an appeal](#), Federal Law No. 273-F3 dated December 29, 2012 “On Education in the Russian Federation”, order of the Ministry Education and Science of the Russian Federation dated August 21, 2020 No. 1076 “On approval of the Procedure for admission to higher education educational programs - bachelor's degree programs, specialist's programs, master's degree programs”).

An admission commission is established for admission to the University in accordance with [the Regulations on the Admission Committee](#). The head of the admissions commission is the Rector of the University, who appoints the executive secretary of the admissions committee to work with applicants and their parents (legal representatives). The procedure for accepting documents is carried out by a technical commission, the members of which is approved by the order of the Rector of the University.

The University has defined a policy and put into practice the admission of persons with disabilities and persons with limited capabilities in accordance with current legislation, which is reflected in [the Rules of Admission](#) to the University and [the Regulations on the Admission of Persons with Disabilities and Persons with Limited Physical Capabilities to Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#).

The admission plan to the University at the expense of the federal budget (admission admission figures) is established by order of the Ministry of Education and Science of the Russian Federation on the basis of the results of an open public competition for the distribution of admission figures for educational programs of higher education in accordance with the values of the indicators of the educational organisation. Out of the total number of budget places, the University allocates places for admission of persons with special rights (disabled people, people with limited capabilities, orphans) – a special quota and places within a separate quota in the amount of 10% of control figures; places within the target quota, the percentage of which is determined by an Order of the Government of the Russian Federation and then detailed by the Ministry of Healthcare of the Russian Federation, considering the requests of customers of employer-sponsored education. When planning the allocation of the target quota, first of all, the need of the Ministry of Healthcare of the Kirov region is considered, which sends an application for the need for targeted training to the Ministry of Healthcare of the Russian Federation for approval. Admission to places with tuition fees (extra-budgetary) is carried out at places that are approved at a meeting of the Academic Council of the University. In the process of accepting documents and enrolling applicants for extra-budgetary places, the University can increase the number of extra-budgetary places. When making this decision, the University enrolls all applicants who have scored at least the minimum number of points. The recruitment of students is carried out taking into account the material, technical and human resources of the University.

In recent years, there has been an increase in budget admission places within the target quota (the customer is the Ministry of Healthcare of the Kirov region), which provides a guarantee of employment for students of the educational program “General Medicine”, increases the staffing of medical workers in Kirov region, satisfaction of society and the population with medical care in the region (table 2).

Table 2 – Data on admission figures in the educational program “General Medicine”

Year	Admission plan (budgetary places)	General admission			Places sponsored by employers			Special right			Unbudgeted places		
		Admission plan	Number of applications	Number of enrolled	Admission plan	Number of applications	Number of enrolled	Admission plan	Number of applications	Number of enrolled	Admission plan	Number of applications	Number of enrolled
2019	210	57	1314	70	132	292	132	21	32	8	175	745	175
2020	220	37	1420	66	161	291	148	22	27	6	300	1191	212
2021	250	37	1068	82	188	206	162	25	20	6	260	623	189
2022	250	5	893	83	195	199	165	50	14	2	260	618	183
2023	250	5	914	81	195	196	155	50	44	14	260	408	45

The competitive admission for training in the educational program “General Medicine” is carried out separately for each quota (special, employer-sponsored, general) of allocated places within the admission control figures (table). The competitive admission for training in the educational program “General Medicine” is carried out collectively on the basis of the total competitive score, which consists of entrance exam scores regulated at the state level and scores for individual achievements of the applicant, including the scoring of additional points for: documents on education with honors, volunteering, participation and (or) the results of participation in school Olympiads and other intellectual and (or) creative competitions, physical education events. Information about the individual achievements to be considered is indicated in the Admission Rules, as well as in [the List of individual achievements of applicants to be considered during admission, and the order of accounting for these achievements](#).

For entrance exams, both the results of the Unified State Exam and entrance exams developed in accordance with the Unified State Exam for persons entering on the basis of secondary general education, vocational education (including persons with limited health capacities, children with with limited health capacities, foreign citizens, stateless persons, persons who have received secondary general education in foreign countries).

The admission policy provides for the continuity of secondary and higher vocational education: applicants on the basis of secondary vocational education take entrance exams in accordance with the content of educational programs of secondary vocational education related to the group “Healthcare and Medical Sciences”.

In the University, there is the procedure for the work of the appeal commission and the appeal procedure in relation to the admissions committee for admission of applicants, in accordance with the "Regulations on the Appeals Commission", which applicants and the public are informed about.

The University has a policy and implements the practice of transferring students from other medical educational institutions and other educational programs. Transfer of students to the University is carried out by the attestation commission, established by order of the rector, in accordance with the "Procedure for transferring, expelling and restoring students to the Kirov State Medical University of the Ministry of Health of the Russian Federation"; "Regulations on the Attestation Commission". All information on student transfers is available on the University's website:

https://www.kirovgma.ru/sites/default/files/inline/files/Poryadok_perevoda_otchisleniya_i_vosstanovleniya_yule_compressed.pdf

In the University, there is a system of support and assistance for students, covering the main range of problems that a student may face at various stages of education. There are departments and public associations that provide advisory support and assistance to students on various aspects of student life. These include: the psychological counseling service, the Board of curators, the Council for educational work, the department of practical training and employment of graduates, the Department of information and youth policy, the Department for coordinating international affairs, the union of students, the Student Council of the University, volunteer associations. Students have opportunities to receive comprehensive information on issues of interest to them or to ask a question on the University's website in the sections "Frequently asked questions", "Citizen appeals".

There are structural units that provide academic and pedagogical advice to students - the dean's office and departments that advise students on academic issues and professional career planning, monitor academic performance and eliminate academic debt. Structures and public organisations that provide support for solving students' social and personal problems are represented by the Dean's office and the psychological counseling service, curators, and the tutoring groups of senior students.

The activities of curators are carried out in accordance with [the Regulations on the curator of the student group](#). Each student group in the 1st and 2nd courses is assigned a mentor teacher, whose functions include familiarisation with the organisation of the educational process at the University, leisure opportunities, accommodation, food facilities. A tutor group was created to help the curators from among the senior students. The project "Welcome, freshman!" is being implemented. It includes a number of adaptation activities, familiarisation with the corporate culture of the University of 1st year students.

Much attention is paid to monitoring the needs of students with disabilities and limited health capacities, which is carried out in accordance with the "Comprehensive Program for the organisation of psychological assistance to students with limited health capacities and the disabled", and an annually developed "Work flow chart" aimed at increasing the accessibility of facilities and services for people with limited health capacities. To provide support for people with limited health capacities, employees of dean's offices, departments, and subdepartments are annually trained in the advanced training program "Organisation of support for students with limited health capacities in higher education". In the 2023/2024 academic year, 12 students with limited health capacities are studying in the specialty 31.05.01 General Medicine (report, interview).

All employees providing consulting services work within the framework of the Law on the Safety of Personal Data on the principles of confidentiality in compliance with ethical standards.

The University provides financial support to students in accordance with [the Regulations on Scholarship Provision and Other Forms of Support for students of Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#). Students who demonstrate special achievements in studies, science, sports, art, and social activities are awarded an increased state academic scholarship. The University has introduced a system of social scholarship payments to low-income students. Orphaned students, students with disabilities, student families and students raising children have additional benefits and financial payments. The order of distribution of the scholarship fund by types of scholarships and financial assistance is determined by the university, taking into account the opinion of the Student Council and the union of students.

The University allocates financial resources (at the expense of budgetary and extra-budgetary funds) for the organisation of scientific, cultural, physical culture, and sports work; for the participation of students in various events (forums, conferences, festivals, competitions), medical examination, encouragement of winners (the winning students of the "Students` Spring" competition are going on a free sightseeing trip).

The health of students and the prevention of diseases are dealt with by the medical staff of the polyclinic assigned to the University. Students are vaccinated free of charge, according to the approved vaccination calendar, medical examinations; receive medical consultations. In case of serious health problems, students are given the opportunity to undergo examination and treatment at [the clinic of Kirov State Medical University](#). Dental care is provided by a dentist in the consulting and diagnostic department. The “Comprehensive program for the development of physical culture and sports, the formation of a healthy lifestyle” of the University is being implemented, including traditional mass sports and physical culture and wellness events (“Rector’s Cup in mini-football”, the University’s open championship in table tennis, Cup of Nations in mini-football, “Freshman Cup” in various sports, an open chess tournament, etc.); organisation of sports groups (karate, table tennis, basketball, mini football, arm wrestling, darts, volleyball, swimming, fitness); participation in sports events of various levels (Spartakiad of medical and pharmaceutical universities of Russia “Physical culture and sports - the second profession of a doctor”, the Open Championship of Kirov in arm wrestling, participation of national teams in mini-football in the project “Mini-football in universities”).

At the University, the policy of student representation is implemented through student self-government (Student Council of the University, Student Scientific Society, Student Council of dormitories and trade union organisation of students) and student representation in collegial advisory bodies (Academic Council of the University, Academic Council of the Faculty of General Medicine, Council for educational work), housing commission. It should be noted that there is little representation of students in the Academic Council of the University, the Academic Council of the Faculty of General Medicine, which limits their participation in defining the mission, developing, managing and evaluating the educational program “General Medicine”, in solving other issues related to training (interviews, documents, <https://kirovgma.ru/ob-academii/structura/departments/uchenyy-sovet>).

The activity of the union of students is aimed at protecting the rights of students and their social support. The Student Council of the University coordinates and implements socially significant initiatives of the students including academic counseling, within the framework of which the project “Анат и гиста на 5” is being implemented, aimed at solving the problem of students mastering the following academic disciplines: Anatomy and Histology, Cytology, Embryology <https://vk.com/uchebka040700>. Currently, this project has reached the finale of [the National competition of best practices](#) in organising the activities of student councils of educational institutions of higher education in the nomination “Best practice of the Student Council on the organisation of the quality management system of education”.

The Student Scientific Society promotes the development of research competencies and the involvement of students to participate in scientific projects of the University. Student councils of dormitories contribute to the optimisation of living conditions and compliance with internal regulations.

The activities of the student government are covered on social networks and on the official website of the University. There is a student television, a corporate newspaper “Doctor” is published.

Youth policy at the University is carried out in the following areas: volunteering, social activities, sports, creativity, science. The report presents structural units implementing youth policy.

The University conducts monitoring to study the needs of students in the implementation of the educational program “General Medicine”, meetings of the rector and the University administration with students; questionnaires of students; channels for receiving feedback are the following: telephone, e-mail, electronic services (form for submitting an electronic appeal, receiving advice on services provided, section “Frequently asked questions”, “Citizens' appeal”, “Suggestions and complaints” on the University's website).

The University considers the needs of various groups of students and provides opportunities for the formation of an individual educational trajectory in accordance with [the Procedure for the](#)

[student's participation in Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#) in the formation of the contents of their professional education, which defines the order, forms and conditions of students' participation in the formation of their professional education, as well as the order of mastering by the student along with the disciplines (modules) of the mastered educational program of other disciplines (modules) taught at the University, as well as disciplines taught in other organisations that carry out educational activities of academic subjects, courses, disciplines (modules). At the same time, interviews with teaching staff and students demonstrated a low level of awareness about the possibilities of forming an individual educational trajectory, which indicates insufficient work of structural units in this area and requires improvement.

In Kirov State Medical University, there are conditions for professional orientation and career planning of students. A number of projects aimed at the formation and development of professional and personal competencies are being implemented, including the project “Dialogue with a doctor” (Regulation on the implementation of the project “Dialogue with a doctor”, approved 21.03.2021); a competition “High potentials in healthcare”. Meetings with practitioners of various specialties are organised. The School of Student Activism is held annually. As part of its work, students get acquainted with the issues of time management and business communications; they master the skills of organising volunteer activities, team building; develop social projects. A volunteer movement is developing, whose activities are aimed at shaping the choice of profession. Since 2016, the regional headquarters of the All-Russian public movement “Medical Volunteers” has been functioning at the University. Volunteer students provided significant assistance to healthcare institutions and the public (they worked in call centers, polyclinics, vaccination centers, and were engaged in the delivery of food and medicines). More than 40 educational organisations are partners of medical volunteers, and the number of volunteer units is more than 180 people. Currently, work is underway to create an office for student medical teams, who will facilitate the participation of students in professionally oriented activities, gain practical experience, and build a career.

There is a system for encouraging and motivating students to participate in public life. The best students are awarded with letters of gratitude, certificates, diplomas, souvenirs with the University logo. Financial incentives are provided in the form of lump-sum payments, an increased state academic scholarship, a Scholarship of the President of the Russian Federation, a scholarship of the Government of the Russian Federation are awarded, expenses related to participation in forum campaigns are paid. The names of the best students are nominated for student titles and awards: “Student of the Year”, “Warm Heart”, “My Place”, etc. The achievements of graduate students are considered when applying for residency and postgraduate programs. The University holds a competition for the title of “Best Male Graduate” and “Best Female Graduate”, the winners of which are awarded the Medal of V.A. Zhuravlev – the first and honorary rector of Kirov State Medical University, corresponding member of the Russian Academy of Medical Sciences, laureate of the State Prize of the Russian Federation and the medal of A.V. Vasnetsova – one of the first female doctors in Kirov region.

The analytical part

The University implements a Policy of admission and selection of students in accordance with the Rules of Admission to the Kirov State Medical University of the Ministry of Healthcare of the Russian Federation, the Regulations on the Admission Commission, the Regulations on the Examination Commission, the Regulations on the appeals Commission, which are updated annually on the basis of state regulatory legal acts (report, documents, interviews).

The recruitment of students is carried out with consideration of the material, technical and human resources of the University in accordance with the admission control figures determined by the Ministry of Education and Science of the Russian Federation. The Ministry of Healthcare of the Russian Federation allocates a quota for targeted admission based on an application from the Ministry of Healthcare of the Kirov region to meet the need for medical staff in the region.

Academic counseling is organised, social and financial support for students is provided. The University has identified structural units that provide academic and pedagogical support to students – faculty and departments that advise students on academic issues and professional career planning, monitor academic performance and eliminate academic debt. Structures and public organisations that provide support for the resolution of social and personal problems of students are represented by the dean's office and the psychological counseling service, сгкфещкы, and the tutor пкшгз of senior students.

At the University, the policy of student representation is implemented through student self-government (Student Council of the University, Student Scientific Society, Student Council of dormitories and union of students) and student representation in collegial advisory bodies (Academic Council of the University, Academic Council of the Faculty of General Medicine, Council for educational work), housing commission. However, the representation of students in the collegial bodies of the University is minimal, their number in the academic council of the University reaches 1 out of 32 people, in the academic council of the Faculty of Medicine 1 out of 20 (order “On approval of the composition of the Academic Council of the Faculty of General Medicine” dated 30.10.2023 No. 578-ОД).

The University considers the needs of various groups of students and provides opportunities for the formation of an individual educational trajectory in accordance with [the Procedure for the participation of a student of Kirov State Medical University of the Ministry of Health of the Russian Federation](#) in the formation of the content of their professional education. At the same time, the interaction of teaching staff and trainees demonstrated a low level of awareness about the possibilities of forming an individual educational trajectory, which testifies to the insufficient work of structural units in this area and requires improvement.

The University has a system for encouraging and motivating students to participate in public life. The best students are awarded with letters of thanks, certificates, diplomas, souvenirs with the University logo. Financial incentives are provided in the form of lump-sum payments, an increased state academic scholarship, a Scholarship of the President of the Russian Federation, a scholarship of the Government of the Russian Federation are awarded, expenses related to participation in forum campaigns are paid. The names of the best students are nominated for student titles and awards: “Student of the Year”, “Warm Heart”, “We are Together”, etc. The University holds a competition for the title of “Best Male Graduate” and “Best Female Graduate”, the winners of which are awarded the medal named after V.A. Zhuravlev, the first and honorary rector of Kirov State Medical University, corresponding member of the Russian Academy of Medical Sciences, laureate of the State Prize of the Russian Federation and the medal named after A.V. Vasnetsova, one of the first female doctors in Kirov region. The achievements of graduate students are considered when applying for residency and postgraduate studies.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the External Expert Commission

1. The Dean of the Faculty of General Medicine, the head of the educational program is recommended to provide information to teaching staff and students about the process of forming an individual educational trajectory within the framework of the implementation of the educational program “General Medicine”. The deadline is until the end of the 2023/2024 academic year, then permanently.

2. The management of the University, the dean of the Faculty of General Medicine, the head of the educational program is recommended to expand the representation of students in collegial bodies (the academic Council of the University, the Academic Council of the Faculty of General Medicine) responsible for defining the mission, for the development, management and evaluation of the educational program “General Medicine”. The deadline is September 2024, then permanently.

The conclusions of the External Expert Commission according to the criteria:

- Strong – 0
- Satisfactory – 14
- Requires improvements – 2
- Unsatisfactory – 0

6.5. Standard “Academic staff / teachers”***Evidentiary part***

The policy of selection and admission of academic staff at the University is implemented in accordance with [the Labor Code of the Russian Federation](#), the Nomenclature of positions of teaching staff of organisations engaged in educational activities, positions of heads of educational organisations (Decree of the Government of the Russian Federation [dated February 21, 2022 No. 225](#) “On approval of the nomenclature of positions of teaching staff of organisations engaged in educational activities, positions of heads of educational organisations”), the Unified Skills Guide for positions of managers, specialists and non-manual workers ([Order of the Ministry of Healthcare and Social Development of the Russian Federation dated 11.01.2011 No. 1n](#)); the following local acts: The Charter of the University, the Regulation “On the procedure for substituting positions of teaching staff” (Order No. 438-ОД dated August 31, 2023); [The Regulation on the procedure for the election of the dean of the faculty and the head of the department](#); [The Regulation on the procedure for a competition for the positions of researchers](#).

The University has autonomy in the formation of staff resources. When selecting applicants for the position of a teacher, the priority is determined by the compliance of the qualification level of employees with the qualification requirements for the positions held and the professional competence of the employee. Teachers of clinical departments must have certificates of specialisation or certificates of accreditation. When applying for a job at the University, there are no restrictions on gender, nationality, religion, language.

Announcements about competitions and elections are posted in open access on the University's website on the Internet. The election of academic staff who meet the qualification requirements for the positions is carried out by the collegial governing boards of the University - the Academic Council of the University, the Scientific Council of the Faculty of General Medicine.

Staffing for the implementation of the educational program “General Medicine” is carried out in accordance with the requirements of the Federal State Budget. At the University, the number of teaching staff is planned independently in accordance with the standard of the academic load on the teacher and depends on the contingent of students. The total number of teaching staff engaged in the implementation of the educational program “General Medicine” is 317 people, of whom 244 (76.9%) are the main employees. 203 teaching staff have an academic degree and title, including 30 teaching staff - the academic title “Professor” and 173 teaching staff – the academic title “Associate Professor” (Appendix 14 of the report). The degree of teaching staff (for individuals) of the University for the implementation of the educational program in the specialty 31.05.01 General Medicine is almost 64%. 73 teachers taking part in the educational process are external specialists and highly qualified practical healthcare workers. Teaching staff has a high level of qualification and competence, more than 19% of teaching staff have less than 10 years of experience in scientific, pedagogical and clinical work. Classes with students are conducted in Russian and English. Every year, the number of teachers who speak a foreign language (English) with the level necessary for teaching at the University increases.

The University implements a Policy of activity and staff development, according to which a balance is maintained between teaching, scientific, medical and service functions, including setting time for each type of activity considering the needs of the medical educational organisation and the professional qualifications of teachers. The teaching load at the University is determined by the order of the Ministry of Education and Science of the Russian Federation (2014) “On the

duration of working hours (norms of hours of pedagogical work for the salary rate) of teaching staff and on the procedure for determining the teaching load of teaching staff stipulated in the employment contract.” The content and time standards of teaching staff of the University regulate the [Regulations on time standards for calculating educational, methodological, research and other work performed by the teaching staff](#). The time standards for performing each type of extracurricular work are distributed depending on the type and unit of work.

The teacher-student ratio is determined by national requirements (Ministry of Education and Science of the Russian Federation) and the work flow chart of the University, and is 1:8 for the group of specialties “Healthcare”. In addition to teaching work (the amount depends on the position), University teachers conduct research and clinical work (at clinical departments) provided for by official duties and an individual plan.

The University's personnel policy guarantees the recognition of all types of teachers' activities, the “effective contract” system is used; a rating assessment of the Faculty's activities has been introduced. Issues of staff incentives are regulated by local regulations of the University, in particular, the [Regulation on Remuneration of Employees of Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#), [the Regulation on Indicators and Criteria for the Effectiveness of Pedagogical and Scientific Staff of Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#) and the procedure for their application.

Teachers receive a stimulating bonus for publication activity (in international peer-reviewed journals, for the preparation and publication of textbooks, monographs), for the guidance and defense of a dissertation for the supervisor of graduate students; they can be recommended for academic titles, promotions (on a competitive basis) and awards (state, departmental, regional and university awards). Information on the results of the evaluation of the work and recognition of the achievements of teachers is presented on the Academic Council of the University, on the official website and the University's social networks.

In the University, there are necessary conditions for additional professional education of employees, to combine work with education. The University provides free additional professional education for teaching staff in accordance with the frequency established by the Russian legislation. Professional development of teaching staff is carried out in accordance with the plans and schedules that are approved for the academic year. An annual analysis of the implementation of the educational plan for teaching staff, the frequency of education of teaching staff in accordance with the legislation is carried out.

The Center for Continuing Medical Education implements advanced training and professional retraining programs aimed at mastering the competencies necessary for every teacher: “Pedagogy and Psychology of higher education”; “Information and communication technologies in education”; “Modern educational, information and communication technologies in teaching specialised disciplines”; “Prevention of corruption violations in educational organisations”; “Prevention of coronavirus infection”; “Providing medical care to patients with the new COVID-19 under the supervision of an infectious disease specialist”; “Organization of support for students with limited health capacities at the University”, “First aid in case of emergency”; advanced training courses in medical specialties, as well as “Organisational and technical support for the accreditation of specialists”, “General English, ELEMENTARY level”. In the current academic year, teachers are being trained in 16 additional professional development programs (including using distance learning technologies). To meet the needs of teaching staff, it is planned to increase the number of additional professional training programs in relevant areas using distance learning technologies.

Analytical part

The University implements a policy of selection and recruitment in accordance with the Labor Code of the Russian Federation and other federal normative legal acts, local acts of Kirov State Medical University: the Charter of the University, the Regulation “On the procedure for substituting positions of teaching staff” (order dated August 31, 2023 No. 438-ОД); [Regulations](#)

[on the procedure for the election of the dean of the faculty and the head of the department; Regulations on the procedure for a competition for scientific positions.](#)

The departments of the faculty of general Medicine of the University, which implement the educational program in the specialty 31.05.01 General Medicine, have the resource potential to carry out these educational activities (according to interviews, self-assessment report): The staffing level is 317 teaching staff, including 30 teaching staff with the academic title of “Professor” and 173 with the academic title of “Associate Professor”. The degree of University teaching staff to implement the educational program in specialty 31.05.01 General Medicine is almost 64%. 73 teachers are external part-timers, highly qualified practitioners of practical healthcare.

The personnel policy of the University in the implementation of the educational program 31.05.01 “General Medicine” ensures the preservation of a balance between teachers of medical and non-medical profile, teachers working full-time or part-time, which is regulated by employment contracts and job descriptions.

The University implements a Policy of staff activity and development, according to which a balance is maintained between teaching, scientific, medical and service functions, including setting time for each type of activity, considering the needs of the medical educational organisation and the professional qualifications of teachers.

The University's personnel policy guarantees the recognition of all types of teachers' activities, a rating assessment of the activities of teaching staff was introduced, incentive allowances for publication activity are established, they are recommended for academic titles, promotion (on a competitive basis) and state awards. Information on the results of the assessment of the work and the recognition of the achievements of teachers is presented on the Academic Council of the University, on the official website.

In the University, there are necessary conditions for additional professional education of employees. However, there is practically no improvement in the quality of teaching staff in educational programs, which include knowledge about teaching/learning methods and the general content of educational programs in order to stimulate cooperation and integration.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of External Expert Commission:

1. The management of the University, the Dean of the Faculty of General Medicine are recommended:

- To consider the possibility of sending teachers of the educational program 31.05.01 “General Medicine” to study modern teaching methods in leading educational centers of the Russian Federation and foreign countries. The deadline is during the 2024/2025 academic year, then permanently.

- To organise additional training in modern teaching methods for teachers of 31.05.01 “General Medicine” at the University with the involvement of leading experts in this field. The deadline is during the 2024/2025 academic year, then permanently.

- To include training in modern teaching methods in the professional development plan for teachers of the 31.05.01 “General Medicine”. The deadline is during the 2024/2025 academic year, then permanently.

The conclusions of the External Expert Commission according to the criteria:

- Strong – 0
- Satisfactory – 8
- Requires improvements – 0
- Unsatisfactory – 0

6.6. Standard “Educational resources”

The evidentiary part

The University has the necessary material and technical resources to fulfill the mission and implement the educational program “General medicine”: academic buildings, classrooms, the university clinic, a medical center, an anatomical museum, 3 laboratories, a sports and recreation complex (gyms, ski base), a library, a canteen and toilets, 4 dormitories for students.

In 2019, MAS-centre was established on the basis of the University, providing students with the development of practical skills using simulation technologies (self-assessment report, interview, visit) and accreditation. Accredited specialists in the specialty “General Medicine” undergo an assessment of practical skills in simulated conditions that allow assessing the development of professional competencies corresponding to the work functions of a general practitioner (emergency medical treatment, physical examination of the patient, cardiopulmonary resuscitation).

All buildings and facilities meet the needs of students with limited health capacities. The material and technical equipment of the classroom fund complies with the federal standard, fire safety requirements, sanitary and hygienic standards.

At the University, much attention is paid to creating safe learning conditions, the persons responsible for ensuring the vital activity of the organisation and a safe environment (labour protection specialist; leading specialist in civil defense and emergency situations) are identified, teachers, staff and students are trained in cases of civil defense and emergency situations, trainings are conducted on an ongoing basis. The University has established a department for mobilisation work, civil defense and emergency situations. To prevent the spread of infectious diseases, there is a general practitioner's health center to provide medical assistance to students and teachers. Teachers and co-workers are trained annually under the program “First aid in medical emergencies”. Students are admitted to clinical bases after passing medical examinations and under condition of having medical books.

Strengthening and expansion of the material and technical base of Kirov State Medical University is carried out regularly, considering the analysis of needs for the implementation of the educational program “General Medicine”.

The University has obtained resources for the clinical training of students in the specialty “General Medicine”. Training is carried out at 22 departments located on the basis of 17 medical organisations of the city in departments of the corresponding profile, a multidisciplinary clinic of Kirov State Medical University (95 beds), in which students, together with teachers, have full access to patients (self-assessment report, interviews, visits to clinical bases).

Clinical bases are represented by multidisciplinary and specialised hospitals (obstetric and gynecological, infectious, oncological, dermatological, ophthalmological, phthisiological, psychiatric), outpatient clinics, specialised bureau of medical expert review; institutions/departments of medical and social profile (geriatrics, palliative care); institutions of medical prevention, etc. For clinical practice and professional skills development (within 1/3 of the total volume of the educational program), emergency and planned patients are available in the main clinical areas: internal medicine (with subspecialisations), surgery (with subspecialisations), critical and emergency care, neurology and neurosurgery, psychiatry, general practical training/family medicine, gynecology and obstetrics, pediatrics, ophthalmology, phthisiology.

The training of a qualified medical graduate is provided by a combination of clinical training in the conditions of clinical bases and the formation of skills and abilities in the MAC-centre. The MAC-centre is equipped with simulators and robots of the I-VI level of realism for practicing basic and advanced cardiopulmonary resuscitation, providing critical and emergency medical care, surgical, including endoscopic interventions; a maternity room with the possibility of resuscitation of newborns, outpatient rooms for physical examination of various systems and organs of patients of different periods of ontogenesis, classrooms for the formation of skills for conducting therapeutic and diagnostic procedures and manipulations.

The clinical bases of the University have modern equipment and provide medical care of various levels, including high-tech. Teachers of clinical departments perform medical work at clinical bases, most of them are part-time employees of medical organizations. Students, under the supervision of a teacher, have access to diagnostic and therapeutic equipment, while performing medical manipulations by students is carried out with the informed consent of the patient and under the supervision of teachers and staff of a medical organization.

Students' participation in the provision of emergency and emergency care is carried out in the emergency department, during night shifts in the hospital and at ambulance stations. The maintenance of medical records by students is monitored and certified by the signature of a teacher or clinical staff. Kirov State Medical University provides students of the educational program, "General Medicine" with the resources necessary to acquire clinical/practical experience (practical skills), including its own clinic equipped with modern equipment for providing specialised medical care to patients of surgical and therapeutic profile (capacity - 95 beds), conducting scientific research, including clinical tests, which is one of the strengths of the educational institution.

The management of the educational program "General Medicine" annually analyzes the compliance of the material and technical support of clinical bases with the formation of the competencies of the graduates, the degree of satisfaction of students with clinical training.

The use of information, information and communication technologies at the University are regulated by national and local legal acts, including [the Regulation on the electronic Information and Educational Environment](#); [the Regulation on the organisation of access to information resources of local computer networks, Internet networks, corporate e-mail and their operation](#); [the Regulation on Computer Information Center](#); [The Regulations on the Department of Information Technology in Education](#); [The Personal Data Processing Policy at the Kirov State Medical University of the Ministry of Health of the Russian Federation](#).

There is Computer Information Center, a structural unit responsible for the informatisation of processes at the University. The material and technical support of the informatisation of the University (including clinical bases) is expanded and updated annually, considering the Mission of the University, the Mission and the purpose of the educational program.

The training of students of the educational program "General medicine" for the use of digital technologies is carried out in the 1st year within the academic discipline "Health Informatics". To train teachers on the use of information and communication technologies, regular refresher courses "Modern educational and ICT in teaching major disciplines" are held.

The following information systems: "Electronic Information educational environment of the University", "IC: Prof. University", "IC Medicine"; electronic library systems (<https://elib.kirovgma.ru/>), research databases, legal reference systems, etc. are used in the University.

The possibility to provide an access of teaching staff and students to resources, including standards of medical care, to electronic library systems of the ELS "Student Consultant" is provided (<https://www.studentlibrary.ru/>), EML "Doctor's Consultant" (<http://www.rosmedlib.ru/>), to Russian (<https://www.elibrary.ru>, <https://dlib.eastview.com/browse>, <https://rnmj.ru/>) and foreign electronic resources (<https://link.springer.com/>, <https://link.springer.com/>, <https://www.orbit.com> and others). In 2022, as part of a centralised (national) subscription from the RCSI, Kirov State Medical University was granted access to scientific foreign information resources: EBSCO. MEDLINE Complete database, Cochrane Library, Springer eBook Collections, Springer Nature, Orbit Premium edition database, Lippincott Williams and Wilkins Archive Journals collection, eBook Clinical Collections.

According to the self-assessment report, all participants in the academic process have full access and use the University's information systems and website (<https://kirovgma.ru>), round-the-clock access to library databases is provided.

The educational process uses a comprehensive medical information system (hereinafter - CMIS), designed to familiarise students with the creation of an electronic patient record and patient

management. A healthcare information system has been created on the basis of the CMIS system, which works in all primary care medical organizations of the Kirov region. Students get acquainted with the sequence and stages of the therapeutic and diagnostic process, technological aspects of its implementation in the information systems of medical organizations.

Medical research and scientific achievements. The University has structural units ([scientific and innovation department](#); [department for training highly qualified personnel](#); [biomedical biomodeling center](#), which is responsible for the reproduction and maintenance of laboratory animals for the needs of the educational process and scientific research; clinical research center, which organises large-scale clinical trials; scientific and problem Council, 3 scientific laboratories: [laboratory for the directed regulation of intermicrobial interactions in exo- and endomicroecological systems](#); [laboratory of pharmacological bioenergetics and membranology](#); [laboratory “Kariesology”](#); [Clinic of Kirov State Medical University](#)), providing scientific activities and the implementation of results in the implementation of the educational program “general Medicine” (self-assessment report, interview). The University is accredited for the right to conduct clinical trials ([Certificate of accreditation for the right to conduct clinical trials of medicines for medical use](#)).

The University has created an infrastructure that allows implementing socially significant scientific projects in priority areas: “Open comparative study of preventive efficacy and an incomparable study of the efficacy and safety of the use of the drug KoviVak (coronavirus inactivated whole-virion concentrated purified vaccine) produced by the Federal State Budgetary Institution “Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov of RAS” (Polio Institute), on healthy volunteers aged 18 to 60 years”, “An observational program for the study of the BiVak-polio prophylactic vaccine to elucidate nonspecific (including antibiotic) immunity, developed by specialists of the Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov”; “Clinical study of the 2-3 phases of the antitussive whole-virion vaccine produced by the Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov”; “Double-blind placebo-controlled randomised study of the tolerability, safety and immunogenicity of the coronavirus inactivated whole-virion concentrated purified sorbitol vaccine, manufactured by “Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov of RAS”, on volunteers aged 18-60 years; “Multicenter randomised comparative study in parallel groups to assess immunogenicity, tolerability and safety of the recombinant tetravalent (types 6,11,16,18) vaccine against human papillomavirus in volunteers”; “Additional multicenter open-label study of RPC1063 for oral administration in the treatment of recurrent multiple sclerosis”, etc.(interviews, documents)

Table 3 - Characteristics of the performance of funded research and clinical trials

Types of work	2020		2021		2022	
	Quantity	Total sum, P mln	Quantity	Total sum, P mln	Quantity	Total sum, P mln
Clinical research	20	23,15	21	42,87	15	27,13
Contract-based scientific and research work	8	4,97	8	1,56	7	1,10
External grants	1	1,0	1	1,0	-	-
Internal grants	7	1,19	9	1,35	8	0,68

17 research projects are being carried out at the departments of the University implementing the educational program “General Medicine”. The University has implemented a system to support the scientific activities of teaching staff and departments, including the University Research Grant program. The winners in the following nominations are determined annually: “The best department in research activity”, “The best scientist”, “The Best students”

science group", "The best young scientist". In 2022, the winner in the nomination "Best Department in research activity" was the Department of Internal Diseases (head of the department Prof. E.N. Chicherina); "Best Scientist" – Zh. G. Simonova (Department of Hospital Therapy); "Best students` science group" of the Department of Infectious Diseases (head of the department Prof. A. L. Bondarenko); "The best young scientist" - O.A. Blinova (Department of Ophthalmology).

There is a Scientific Society of Young Scientists and Students ("HOMYC", [Regulations on the Scientific Society of Young Scientists and Students](#)), whose composition is formed from the number of students (students, residents, graduate students) and young scientists (under the age of 35) of Kirov State Medical University, engaged in research. The Scientific Society of Young Scientists of Kirov State Medical University is represented by the students` science clubs, which work in 27 departments. Almost 1,500 students and young scientists are involved in the activities of "HOMYC" (information provided by the vice-rector of research work and communications with practical healthcare). 860 students take part in the students` scientific groups of the educational program "General Medicine", do research in 127 scientific topics in the field of surgery, psychiatry, obstetrics and gynecology, family medicine and polyclinic surgery, dermatovenerology, ophthalmology, oncology, infectious diseases, phthisiology, therapy, biology and medical genetics, etc. (interviews, documents). In "VK" network, there are 1,403 members of "HOMYC" official public page. In 2022, members of students` scientific clubs took part in 55 conferences in 20 regions of the Russian Federation and 5 countries. According to the results of the research, 321 scientific papers have been published (including 65 articles in journals), 3 patents were obtained, 286 reports were made. 65 diplomas of the conference winners were received. The Russian National Scientific Conference of students and Young Scientists with international participation is held annually (with the publication of a collection of materials), which is attended by representatives of 18 regions of the Russian Federation and 6 foreign universities (Educational institution "Belarusian State Medical University", Educational Institution "Grodno State Medical University", Tashkent Pediatric Medical Institute, Tashkent Medical Academy, Donetsk National Medical University named after M. Gorko, Tajik State Medical University named after Abuali ibni Sino).

The University has defined a policy that promotes the strengthening of the relationship between scientific research and education; has created a resource base for the implementation of scientific projects in priority areas in the medical field, including the creation of an anti-covid vaccine, which is one of the strengths of Kirov State Medical University in the implementation of the educational program, "General Medicine".

There are identified structures (Institute of Continuing Additional Education, educational and methodological management) that study topical issues of medical education. The University is the founder of the scientific and practical peer-reviewed electronic journal "[Medical Education Today](#)" with publications in current research in the field of teaching methods at a medical university, medical practice. The University cooperates with professors of other medical universities, including foreign ones, to develop the competencies of teachers in the field of research technology of medical education, and the qualification of teaching staff in the field of expertise is being improved.

The examination of the educational program "General Medicine" is carried out annually, considering achievements in the field of medicine and the needs of the labour market, the results are discussed at departments, reviewed by leading professors and representatives of practical healthcare. The work programs of the disciplines are updated when additional information about methods and technologies of treatment, new medicines, achievements in national and global health, the epidemiological situation in the country and the world becomes available ([The procedure for developing and approving educational programs of higher education at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#)).

The coordination of international cooperation, including academic mobility programs, is carried out by the Office for Coordination of International Affairs, which is part of the Department of International Relations.

The exchange in the field of education at the University is regulated by the “Regulation on the Organisation of participation in academic mobility Programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation (approved by the rector on 01.09.2023). Methodological support for the mutual assessment of the studied disciplines and the development of criteria is carried out by the ASO of Kirov State Medical University under the general guidance of the vice-rector for Academic Affairs. The rules and procedure for crediting the results of students' mastering disciplines, practical trainings, additional educational programs in other educational organisations (including foreign ones) are determined by the “Procedure for Crediting the results of students' mastering disciplines (modules), practices, additional educational programs in other organizations engaged in educational activities in Kirov State Medical University of the Ministry of Healthcare of the Russian Federation.” To transfer credits in disciplines mastered in a foreign educational organisation, a student provides a document of study issued by a foreign organisation in the form of a certificate, academic transcript or other document. The University, having autonomy, finances the academic mobility of students and staff from extra-budgetary sources.

International activities at the University are carried out in the following areas: cooperation with educational and scientific medical institutions and organisations from CIS and non-CIS countries, increasing the international prestige of the University and integration into the international system of higher medical education. Kirov State Medical University cooperates with 4 educational, scientific and medical organisations of CIS and non-CIS countries on the basis of cooperation agreements that have been approved by the Ministry of Healthcare of the Russian Federation in accordance with the amendments made to Part 4 of Article 105 of the Federal Law "On Education in the Russian Federation".

Currently, 449 foreign citizens from 35 countries are studying at the University (Algeria, Angola, Armenia, Azerbaijan, Bangladesh, Bahrain, Botswana, Gabon, Ghana, Haiti, Guatemala, DR Congo, Egypt, Iraq, Jordan, Yemen, Kazakhstan, Cameroon, Ivory Coast, Cuba Mauritania, Morocco, Moldova, Nigeria, Pakistan, Panama, Republic of the Congo, Syria, Sudan, Tajikistan, Thailand, Tanzania, Tunisia, Turkmenistan, Uzbekistan, Uganda, South Africa, etc.).

Within the framework of joint activity agreements, about 50 students are sent annually to foreign healthcare organisations for summer internship. From 2014 to 2023, students of Kirov State Medical University completed summer internship in clinics of Serbia, Brazil, Portugal, Croatia, Bulgaria, Macedonia, Croatia, Greece, Poland, Romania, Latvia, Italy, Thailand, Hungary, Mexico, Turkey, Moldova, Morocco. Students from Italy, Mexico, Brazil, China, Latvia, Slovenia, and Kazakhstan completed internships at Kirov healthcare institutions. In 2023, a 5th-year student of “General Medicine” program completed an internship in Turkey.

Since 2014, in accordance with the cooperation agreement with the National Union of Medical Students (International Federation of Medical Students Associations, IFMSA), academic exchanges of students of Kirov State Medical University and students of educational organisations of foreign countries have been carried out. The agreement regulates the selection criteria: students of 2-6 courses, residents and graduate students who have successfully passed the English language exam and do not have academic debts are allowed to participate. From 2015 to 2021, 62 students of the Republic of Belarus and 68 students of Kirov State Medical University participated in academic mobility programs.

Since 2019, more than 90 teachers and staff of Kirov State Medical University have participated in educational and scientific events organised by foreign partners. About 1,500 people take part in international conferences organised by Kirov State Medical University every year, including the academic staff of partner universities from Belarus and Uzbekistan, as well as lecturers from Israel, Latvia, Kazakhstan, Ukraine, Pakistan, and the USA. However, interviews with teaching staff and students indicate their lack of accurate awareness of the forms of academic

mobility and the low level of their participation in academic mobility within the framework of the implementation of the educational program “General Medicine”.

The analytical part

Particular infrastructure has been created to ensure practice-oriented training and the use of modern information and simulation technologies, including the multidisciplinary clinic and MAC-centre of Kirov State Medical University (95 beds).

Training is carried out at 22 departments located on the basis of 17 medical organisations of the city in departments of the corresponding profile, the multidisciplinary Clinic of Kirov State Medical University, in which students have an access to patients. The clinic of Kirov State Medical University is equipped with modern equipment, has a professional staff, which provides correlation between scientific research (including the possibility of conducting clinical trials) and the implementation of the educational program “General Medicine” (attendance at the bases, interviews).

Students of the educational program “General Medicine” are provided with the necessary resources for clinical training: they have access to medical equipment for the development of professional competencies in such areas as an assistant to junior medical staff, an assistant to a ward, a procedural nurse, an assistant to a hospital physician, an assistant to an outpatient clinic under the supervision of a teacher (since teaching staff are employees of institutions health care or employees of their own multiprofile clinic), to perform medical manipulations with the informed consent of the patient under the supervision of teachers and staff of the medical organisation; participate in the provision of emergency and emergency care in the admission department, during night shifts in the hospital; carry out medical documentation, which is monitored and certified by the signature of a teacher or an employee of a healthcare institution.

Kirov State Medical University provides students of the educational program “General medicine” with the resources necessary to acquire clinical/practical experience (practical skills), including its own clinic equipped with modern equipment for providing specialised medical care to patients of surgical and therapeutic profile (95 beds), conducting scientific research, including clinical trials, which is one of the strengths of the educational institution (interviews, attendance at the base).

The University provides access to network and electronic means, and provides the opportunity to use information tools in teaching.

An infrastructure has been created that allows the implementation of socially significant scientific projects in priority areas: “An open comparative study of the preventive effectiveness and an incomparable study of the immunogenicity and safety of the use of the drug KoviVak (coronavirus inactivated whole-virion concentrated purified vaccine) produced by the Federal State Budgetary Institution “Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov of RAS” (Polio Institute), on healthy volunteers of ages between 18 and 60”; “The observational program for the study of the preventive vaccine “BiVak-polio” to clarify non-specific (including anti-covid) immunity, developed by specialists of the Federal Scientific Center for Research and Development of Immunobiological Drugs named after M.P. Chumakov of RAS”; “Clinical investigation of phase 2-3 of the anti-covid whole-virion vaccine produced by the Federal Scientific Center for Research and Development of Immunobiological preparations named after M.P. Chumakov of RAS”; “A double-blind placebo-controlled randomised study of the tolerability, safety and immunogenicity of the coronavirus inactivated whole-virion concentrated purified sorbed vaccine, manufactured by the Federal Scientific Center for Research and Development of Immunobiological preparations named after M.P. Chumakov of RAS”, on volunteers aged 18-60 years; “A multicenter randomised comparative study in parallel groups to assess the immunogenicity, tolerability and safety of Recombinant tetravalent (types 6,11,16,18) vaccine against human papillomavirus in volunteers”; “Additional multicenter open-label study of RPC1063 for oral administration in the treatment of recurrent multiple sclerosis”, etc.

17 research projects are being carried out at the departments of the University implementing the educational program “General Medicine”. The University is accredited for the right to conduct clinical trials ([Certificate of accreditation for the right to conduct clinical trials of medicinal products for medical use](#)).

The University has implemented a system to support the scientific activities of the teaching staff and departments, including the University Research Grant program, under which financial resources are allocated to the winner on a competitive basis to conduct scientific research. ([Regulations on the University Research Grant Competition](#); Order No. 559-OD dated 28.09.2018 “On the Entry into Force of the Regulations on the Competition for Internal Research Grants”) . Annually, the winners are determined in the following nominations: “The best department in research activity”, “The best scientist”, “The best students` scientific club”, “The best young scientist”. The winners of these nominations are the teaching staff implementing the educational program “General Medicine”. Much attention in the ranking of teachers is paid to research work and publication activity.

The University has defined a policy that promotes the strengthening of the relationship between scientific research and education, has created a resource base for the implementation of scientific projects in priority areas in the field of medicine, including the creation of an anti-covid vaccine, allowing cooperation with leading national and international scientific centers, which is one of the strengths of Kirov State Medical University in the implementation of the educational program “General Medicine” (interview, attendance at the base, documentation). Faculty teachers conduct scientific research; the results are implemented in the educational process (confirmed by the acts of implementation). The results of scientific research make the basis for the development of educational materials, textbooks, the introduction of new methods of diagnostics, treatment and prevention of diseases in the educational program.

The University has a Scientific Society of Young Scientists and Students (“HOMYC”), which attracts students to research work on the basis of student scientific groups. Students actively participate in scientific forums and publish the results of their research.

At the University, the exchange in the field of education is defined by the “Regulation on the organisation of participation in academic mobility programs at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation” (approved by the rector on 01.09.2023). The academic mobility program is carried out by Office for Coordination of International Affairs of the Department of International Relations. However, interviews with the teaching staff and students show their lack of accurate awareness of the forms of academic mobility and the low level of their participation in academic mobility within the framework of the implementation of the educational program “general Medicine”.

Strengths/best practices

Kirov State Medical University provides students of the educational program “General medicine” with the resources necessary to acquire clinical/practical experience (practical skills), including its own clinic equipped with modern equipment for providing specialised medical care to patients of surgical and therapeutic profile, conducting scientific research, including clinical trials, which is one of the strengths of the educational institution (interviews, attendance at the database).

The University has defined a policy that promotes the strengthening of the relationship between scientific research and education, has created a resource base for the implementation of scientific projects in priority areas in the field of medicine, including the creation of an anti-covid vaccine, allowing cooperation with leading national and international scientific centers, which is one of the strengths of Kirov State Medical University in the implementation of the educational program “General Medicine.”

Recommendations of the External Expert Commission

1. The University management should consider the possibility of expanding the forms of academic mobility of the teaching staff and students providing them with appropriate financial, organisational and educational support. The deadline is during the 2024/2025 academic year, then permanently.

The conclusions of the External Expert Commission according to the criteria:

- *Strong* – 2
- *Satisfactory* – 12
- *Requires improvements* – 0
- *Unsatisfactory* – 0

6.7. Standard “Assessment of the educational program”

Evidentiary part

The University implements mechanisms for the development, approval, monitoring and evaluation of the educational program and the results of students' academic achievements, in accordance with local regulations: [The procedure for the development and approval of educational programs of higher education at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation](#), [the Regulations on the work program of the discipline \(module\) of the main professional educational program](#), [The procedure for conducting the state final attestation for higher education programs – bachelor's, specialist's degree programs](#), [the Procedure for conducting ongoing monitoring of academic performance and midterm assessment of students](#), [the Regulation on the system for assessing the quality of educational activity and training of students](#), [the Procedure for the participation of a student of FSBEI HE Kirov SMU MOH Russia](#) in the formation of the content of their professional education. Academic Services Office is responsible for regular monitoring of the educational program. The departments, with the active participation of the departments, ensure the timely implementation and assessment of the tasks set. The results are discussed at the Academic Council of the University, Educational and Methodological Board, academic councils of the Faculty of General Medicine and the Faculty of Foreign Students, and brought to the attention of departments and teachers.

When conducting internal monitoring of the educational program, experts assesses its compliance with the requirements of the Federal State Educational Standard of Higher Education, the volume and content of the academic disciplines, including its elective part, the volume of contact work, the results of current academic performance and midterm assessment, academic and practical training, the level of competence of graduates at the final state examination; satisfaction is assessed by means of a questionnaires of students, graduates and teachers, the opinion of employers is considered. The annual analysis is the basis for improving of the educational program. On the recommendation of employers, the clinical disciplines of the 6th year of the educational program were supplemented with unified modules aimed at mastering the skills of working in polyclinic institutions (self-assessment report). At the suggestion of the students, the following electives were added to the educational program: “Organisation of nursing care”, which provides an in-depth study of patient care skills and preparation for the examination for getting a certificate allowing working in positions of middle medical personnel; electives aimed at learning the Russian language and professional communication (foreign students).

The evaluation of the educational program is also carried out when passing external accreditation. According to the results of the primary accreditation of the educational program, the following were added: the academic discipline “Simulation course”, emergency care trainings, and changes were made to the list of practical skills. Due to changes in the Federal State Educational Standard and the recommendations of the Ministry of Education and Science of the Russian Federation, the disciplines “History of Russia” and “Principles of Russian Statehood” are included in the curriculum.

The obtained results of internal and external evaluation of the educational program are the

basis for making the necessary decisions and carrying out corrective measures aimed at improving the program. By the beginning of each academic year, information is collected on all components of the educational program, the updated program is discussed at the level of departments, advisory bodies of the faculty and the University, and approved by the Academic Council of the University.

The University implemented the principle of social responsibility, which is expressed in the training of qualified doctors; the provision of modern educational, scientific and medical services to the population, and the creation of a favourable psychological climate.

The educational program of the specialty reflects the sequence of formation of competencies in the learning process; disciplines and practices involved in the formation of competencies, as well as disciplines formed by participants in educational relations. The procedure for analysing the results of training at the departments, faculty and advisory bodies of the University is specified.

The Faculty annually analyses the educational achievements of students regarding the mission of the educational program “General Medicine” and the final learning outcomes. Students' academic performance is assessed and recorded in the electronic portfolio of students, brought to the attention of each student.

The analysis of the results of the current, midterm and final certification conducted at Kirov State Medical University by the dean's office and departments is considered at a meeting of the Academic Council of the Faculty of General Medicine, Educational and Methodological Board, the Academic Council of the University, forms the basis for changing the content of disciplines, the ratio of lectures and practical classes, the inclusion of new disciplines. In addition, the evaluation of the results of the current, midterm and final certification is carried out on the basis of an analysis of the opinions of internal and external consumers: students, teachers, employers, heads of healthcare authorities participating in the state final certification and in the primary accreditation of graduates and residents.

The Central Management Committee of the quality management system, Academic Services Office and the Department of practical training and employment of graduates regularly conduct sociological studies to assess the satisfaction of students with the quality of the educational process and learning conditions, graduates with the quality of their education, teachers with the quality and working conditions. The results of the survey are used when making changes to the educational program and the organisation of the educational process, they are the basis for corrective and preventive measures aimed at eliminating identified inconsistencies and improving the educational program. The Students' Council, the Students' Union and the psychological counseling service are involved in analysing the conditions of students' education and other factors that may affect the effectiveness of their education.

The requirements for admission to the educational program “General Medicine” are established by the legislation of the Russian Federation. In FSBEI HE Kirov SMU MOH Russia, there is the Centre for the Preparatory Education “ИНДО” ([Regulations on the Centre for the Preparatory Education](#)), which conducts in-depth training of applicants. The University conducts a comparative analysis of the academic achievements of students and the admission of applicants based on the results of the Unified State Examination with a discussion at the Academic Council. In the course of study, students receive counseling in the disciplines, additional classes are held.

The educational and methodological department of the University coordinates the work on monitoring the educational program. The Dean's office involves all the main persons in the monitoring and evaluation academic curriculum of the educational program “General Medicine”: teachers, students, representatives of practical healthcare, through discussions at departments, in advisory bodies of the faculty and University (Academic Council, Educational and Methodological Board), and consultation.

The Quality Management System Assurance Center (hereinafter referred to as the central office of the quality management system) organises and monitors the satisfaction of external and internal customers in order to identify proposals for improving the provision of educational services by the University. The survey questions for monitoring are developed by the head of the central office considering the requirements of higher-level and inspection organisations, the wishes

of heads of structural divisions and are coordinated with the University management, [are publicly available on the official website](#) of Kirov State Medical University and in the personal accounts of students on the educational website. In the official group on the VKontakte social network, there is a link to the “[red button](#)”, the main task of which is to promptly bring information about proposals or problems to the University management from students and external consumers of University services in order to make an operational decision to eliminate identified problems (inconsistencies) or introduce rational proposals into the educational process. Annual monitoring of satisfaction with the working conditions of teaching staff, satisfaction with the training of graduates and students (including as part of the assessment “Teacher in students` eyes”), employers' satisfaction with the training of graduates of Kirov State Medical University. The results of the monitoring “Teacher in students` eyes” are used in evaluating the criteria for the effectiveness of pedagogical workers. When monitoring the employment of graduates of the first year of graduation, the issue of emerging difficulties of a young specialist at the initial stage of his career is studied, the most problematic points are brought to the management for corrective measures. The head of the central office of the quality system provides information on the results of monitoring at the Academic council of the University, the Rector's office, and the Educational and Methodological Board, on the basis of which decisions are made to improve the quality of the educational process.

Access to [the monitoring results](#) for external parties is carried out through the official website of the University, where the results of surveys of consumers of educational services are publicly available, as well as reports of monitoring results at the level of the Ministry of Healthcare of the Kirov region.

The analytical part

The University established and is implementing mechanisms for evaluating the educational program, its structure, duration of study, and the results of students' academic achievements.

The University implemented the principle of social responsibility, which is expressed in the training of qualified doctors; the provision of modern educational, scientific and medical services to the population, and the creation of a favourable psychological climate.

The annual monitoring and evaluation of the educational program is carried out with the involvement of the dean of the faculty, the Educational and Methodological Department, the Center for Ensuring the Quality Management System of the Department of Practical training and employment of graduates, heads of departments, representatives of practical healthcare. Improving the quality of educational services provided is ensured by developing the necessary corrective measures with the mandatory participation of the University management, teaching staff, students and other interested persons.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the External Expert Commission

No recommendations according to this standard.

The conclusions of the External Expert Commission according to the criteria:

- Strong – 0
- Satisfactory – 9
- Requires improvements – 0
- Unsatisfactory – 0

6.8. Standard «Management and administration»

Доказательная часть

The organizational structure of the University and its collegial management bodies are defined. The collective governing body of the University is the [Academic Board of the University](#), which includes the Rector, Vice-Rectors, as well as appointed by decision of the Academic Board of the University - deans of faculties, director of the ICE. Other members of the Academic Board of the University are elected at the Conference of employees and students of the University by secret ballot. Structure and functions of the Academic Council are established in the "Rules of Procedure of the Academic Council of the University" (Record of the Academic Council No. 2 dated 31.03.2012, Decree No. 126-OD dated 31.03.2017, [Procedures and Regulations of the Academic Council](#))

The [Rectorate](#) headed by the Rector on the basis of the [Regulations on the Rectorate](#), is a collective advisory body that ensures the implementation of the Rector's authority for the current management of the University's activities.

Vice-rectors supervise structural and collegial bodies in the areas of activity. The functions and tasks of the structural units, the list of units and officials with whom the structural units of the University interact within the framework of their functions are defined by the regulations on the structural units. The tasks and functions of personnel are defined by job descriptions. Regulations on structural units and job descriptions are developed in accordance with the methodological instruction "General requirements for the construction, content, design, approval of the "Regulations on the structural unit" and "Job description" and amendments thereto."

[The structure of the University](#) includes the ICE, clinic, faculties, scientific laboratories, library, hostels, a museum, a printing house, an archive, offices, centres, services and departments.

Transparency of the University's management system is ensured by the availability of all documents on the website, all decisions taken are recorded in the meeting records.

The management of the Faculty of Medicine and its EP is carried out in accordance with the Mission of the University, the Quality Policy, the Mission and purpose of the EP "General Medicine". The Dean's Office of the Faculty of General Medicine is a department under the authority of the Vice-Rector for Academic Affairs. In the course of performing its main tasks and functions, the Dean's Office interacts with other units of the University: the Department of Management, the Department of Human Resources, the Department of International Relations, the Departments, the Department of Documentary Support, the ICA Centre, the Academic Council, the Student Council, the Students' Trade Union, etc. The Dean's Office interacts with the departments and students. Interaction of the Dean's Office with departments and students is carried out within the framework of meetings of councils and commissions, as well as in the university's EILE via corporate e-mail and the ELMA electronic document management portal. Interaction of the dean's office with the vice-rector for academic work, ASO and other management structures is determined by real needs and is realised through meetings of collegial management bodies.

The Dean of the Faculty heads the working group for the development of the programme, which includes: the head of the syllabus, methodological commissions and the Faculty Board. The Academic Council of the Faculty includes heads of clinical and theoretical departments, professors, associate professors, students, representatives of employers, the meetings are regularly attended by the head of educational and industrial practice, the director of the ICA Centre, representatives of the Department of Management.

Under the guidance of the Dean of the Faculty, the teaching staff of the departments develop draft working programmes of disciplines and practices, which are considered at the meetings of methodological commissions. After making the appropriate changes, the Dean of the Faculty forms the draft programme, which is submitted for discussion and agreement to the Academic Council of the Faculty. At the meetings of the Council the content of the programme, the results of its mastering, the issues of academic practice, etc. are discussed.

The prepared draft of the educational program is submitted to the administrative management of the programme (ASO, Vice-Rector for Academic Affairs) for approval. If changes are made, the programme is reviewed and approved again, after which the programme with all changes and additions is submitted by the dean to the Methodological Council, chaired by the

Vice-Rector for Academic Affairs. After approval by the EMB, the programme is submitted to external stakeholders (employer representatives) for review. The programme is approved by the Academic Board of the University.

In order to assess academic leadership in relation to the achievement of the mission and intended educational outcomes, the QMS has been developed. The report presents the main areas of the University's quality management system. Annually at the first meeting of the Academic Board of the University, the Rector, as the leader of the collective implementation of the Mission and Quality Policy, brings to the attention of the staff analytical information about the main achievements, shortcomings and proposals to improve the educational, scientific, international and clinical activities of the University. Vice-rector for academic work annually at the meetings of the Academic Board of the University reports on the results of interim certification with the proposal of ways to improve the quality of the educational process. In addition, the results of sociological surveys are conducted annually, analyzed and widely discussed at the University, which also make it possible to evaluate the activities of the academic leadership and its contribution to achieving the mission and final learning outcomes.

When carrying out financial and economic activities Kirov State Medical University is guided by the Charter approved by the MOH Russia, the Budget Code, federal laws, orders of the Government of the Russian Federation, other regulations in force within the territory of the Russian Federation governing the educational activities of budgetary institutions and the [Plan of financial and economic activities](#) for the current year and the planned period.

The financial strategy of the University, aimed at its economic sustainability and the achievement of its mission and goals, the creation and maintenance of an environment for teaching, research, therapeutic work and creative activity, as well as the objectives of MPEDPs for the short and long term, is developed by the [Economic Department](#).

Financing of the institution for the implementation of the MPEDP is carried out in accordance with the agreements concluded with the MOH Russia: subsidy for financial support of the fulfilment of the state (municipal) task from the federal budget; targeted subsidies in accordance with the Budget Code of the Russian Federation and receipts from the provision of paid educational services, other activities (receipts from renting premises, accommodation fees and others).

The management of financial and economic activities at the University is implemented in accordance with the approved "Regulations on Financial and Economic Management". ([Regulations on Financial and Economic Management](#)). The allocation of financial resources is fixed in the financial and economic activity plan, which is developed annually on the principles of efficiency, effectiveness, priority, transparency, responsibility. The University has the opportunity to independently allocate funding for the implementation of the educational program "General Medicine" in order to achieve the Mission of the educational institution and the final learning outcomes, taking into account the standards established by the Government of the Russian Federation. At the same time, in addition to ensuring the implementation of the educational program and achieving its goals, the University plans and makes incentive payments to teachers and allocates funds to support students. Financial and economic management exercises control over the expenditure of financial resources.

The administrative department responsible for the activities related to the educational process is the ASO. The main person in the administrative department is the Head of the ASO, whose competence includes all administrative work on the management of the EP, who works in close co-operation with the Academic Board of the University, the Faculty Councils and deans. The administrative department responsible for the activities related to the educational process is the ASO. The main person in the administrative department is the Head of the ASO, whose competence includes all administrative work on the management of the EP, who works in close co-operation with the Academic Board of the University, the Faculty Councils and deans. The teaching department, which is a part of the ASO, forms the teaching load for the ATS, is responsible for the scheduling of classes and lectures, the schedule of EOCA and FSA, the

management of lecture halls and classrooms, forms databases on the contingent of students; analyses the movement of the contingent of students and analyses statistical data on students; analyses the progress of students; works with orders on the contingent of students; advises the departments on current issues in the field of education and training; and provides advice on the development of the MPEDP. To ensure the involvement of students in the implementation and achievement of the final results of MPEDP under the control of the Vice-Rector for Educational and Social Work, there are: the Department of Information and Youth Policy, the Museum of Kirov SMU, physical education and sports club, psychological counselling service.

For training of administrative and professional staff of the University, providing management and administration of the educational programme and related activities, professional development programmes "Regulatory and legal support of educational activities", "Organisation of support for students with disabilities in higher education", etc. are developed and implemented.

To fulfil the Mission and Quality Policy the Human Resources Department manages the Human Resources Management process in the University ([Regulations on the Personnel Department](#), [Regulations on the procedure for filling the positions of teaching staff belonging to the academic personnel](#); [Regulations on the procedure for the election of the Dean of the Faculty and the Head of the Department](#); [Regulations on the procedure for holding a competition for the positions of researchers](#)). Financial resources are managed by the Financial and Economic Department and the accounting Department, whose functions are defined by internal Regulations and job descriptions.

The management of material and technical resources is carried out by the planning and economic department, the accounting department, the legal service and the contract service, whose employees are responsible for the legal and logistical support of educational programs and related activities in the activities of the university. The activities of the Department of Economic Support are aimed at ensuring and constantly maintaining the infrastructure of the University, as well as creating a safe learning environment for students and teachers, managing the economic activities of academic buildings.

The University has developed and implemented a quality management system (QMS) aimed at increasing satisfaction of customers and other stakeholders. QMS processes are included in the procedure of internal independent assessment of the quality of education (IAQE), the organisation of which is the responsibility of the ASO. IQA procedures are carried out in order to: improve the efficiency of the University's educational process management ; improve the quality of students' professional training; improve the competitiveness of the University's MPEDPs; promote the models of educational process organisation that have proved their effectiveness; develop the diversity of MPEDPs while maintaining a unified educational space ([Regulations on the system of quality assessment of educational activities and students' training in Federal State Budgetary Educational Institution of Higher Education "Kirov State Medical University of the Ministry of Healthcare of the Russian Federation"](#), report).

Regular self-assessment is carried out as part of the annual self-assessment of the University, as well as through internal audit, which regulates internal activities and is designed to analyse and evaluate the functioning of the University. Kirov SMU participates in external IAQE conducted by the Federal Service for Supervision of Education and Science of the Russian Federation. In 2021, the IAQE was conducted for one GPS among a group of students of the Faculty of General Medicine. The results showed compliance of external and internal assessment of competences formation.

The University has close and effective cooperation with the healthcare sector. Teaching staff of the University participate in the protection of the health of citizens in the Kirov region, due to the presence of their own clinic, the representation of teaching staff as part of the main freelance specialists of the region overseeing the areas of medical care and managing the quality of medical care; the organisation of regular visits to rural areas by advisory teams with the participation of leading professors and associate professors of clinical departments, the development of the volunteer movement among students,

In accordance with its Mission, the University directly participates in solving issues related to the health protection of citizens in the region. Constructive cooperation is carried out in the provision of medical care by the staff of 22 clinical departments, located in public and private medical organisations, in the following areas: treatment of patients with therapeutic and surgical profiles; carrying out operations; consultations and consultations; introduction of new methods of diagnosis and treatment. The University has its own multidisciplinary Clinic, the bed fund of which is 95 beds, 91 of them are in round-the-clock inpatient facility, 4 beds are in day patient facility. The structure of the University Clinic includes a therapeutic department, a neurological department, a surgical department, a department of anesthesiology and intensive care, a department of medical rehabilitation; auxiliary units equipped with modern equipment (clinical diagnostic laboratory, X-ray room, computed tomography room, functional diagnostics room, physiotherapy room, ultrasound diagnostics room, endoscopy room) (interview, documents, report, visit to the Clinic).

process of interaction with medical organisations is managed by the Project Office for the development of regional healthcare in accordance with the implementation of the University-region project. It consists of specialists from the ICE of Kirov State Medical University, the Department of Practical Training and Graduate Employment, the of Legal and Personnel Department of the Ministry of Healthcare of Kirov Region, Kirov Medical College, Kirov Regional Public Organisation "Association of Medical Workers of Kirov Region", training and methodological centre for the development of economical technologies and healthcare "Factory of Processes".

The Project Office for the development of regional healthcare has been established, ensuring close cooperation between organizations, which include specialists from the ICE of Kirov State Medical University, the Department of Practical Training and Graduate Employment, the of Legal and Personnel Department of the Ministry of Healthcare of Kirov Region, Kirov Medical College, Kirov Regional Public Organisation "Association of Medical Workers of Kirov Region", training and methodological centre for the development of economical technologies and healthcare "Factory of Processes". In accordance with the work plan and concluded agreements, the University Medical Council and the Project Office for the Development of Regional Healthcare analyse the results of providing medical care to the population and the implementation of the plan for introducing clinical recommendations into practical healthcare. In conjunction with the regional executive authority in the field of health protection, advisory teams with the participation of leading professors and associate professors of clinical departments regularly travel to rural areas.

The Rector is a member of the Board of the Ministry of Health of the Kirov region. Employees of Kirov State Medical University have been appointed as chief freelance specialists of the region to manage the quality of medical care in various medical specialties.

Kirov State Medical University, in cooperation with the health authorities of the constituent entities of the Russian Federation, develops continuing medical education, expands the number of residency specialties, and continues to train students and residents in professional communication skills, including while working in medical volunteer groups to prevent diseases and improve public health, reduce socially significant diseases and increase life expectancy of Russian citizens within the framework of the national projects "Healthcare" and "Demographics". Within the framework of the quadripartite cooperation agreement between Kirov State Medical University and the Ministry of Healthcare of Kirov region, regional departments of Roszdravnadzor and Territorial Compulsory Healthcare Insurance funds, an active information exchange of medical and demographic indicators is carried out.

The University is actively implementing the federal programme "New Model of Medical Organisation Providing Primary Health Care "Caring Polyclinic" in children's and adult polyclinics in the region. In connection with the introduction of economical technologies in the work of the region's medical organisations, the Kirov State Medical University has established an economical technology centre (one of the first to receive state accreditation in the Russian

Federation), which participates in this process, defines recommendations, and evaluates the activities carried out. Kirov State Medical University has a medical council, which considers the issues of interaction between the departments of therapeutic profile and the regional vascular centre to optimise the provision of emergency medical care to patients with acute coronary syndrome, the joint work of hospital administrations and relevant departments of the University, the training of medical and pharmaceutical staff, the prevention of iatrogenesis, the project "Creation of a new model of medical organisation providing primary health care" - "Lean".

The University informs the public about the successes of the EP implementation through a systematically implemented information policy. To ensure the effectiveness of the University's information activity, all available channels and technologies are used: mass media, Internet, corporate edition of the newspaper "Doctor". Information about activities, events, news on the implementation of the programme is posted on the [official website of the University in the Internet](#), [in the official group VKontakte](#), [Odnoklassniki](#), [Telegram channel](#).

Full information about the content of the MPEDP, conditions of its implementation is placed in a special section of the University website "[Information about the educational organisation](#)". The information in this section is updated within the terms established by the regulatory acts of the MSHE Russia.

Information on employment of graduates for the last 3 years is regularly published on the University website in the section "[Information about the educational organisation](#)"; [on the page of the department of practical training and employment of graduates](#); [on the page of the department in the social network VKontakte](#).

The analytical part

The organizational structure of the University and its collegial governing bodies, functions are defined by the Charter, the Rules of Procedure of the Academic Council of the University, the Regulations on structural units and job descriptions, which are developed in accordance with the methodological instruction "General requirements for the construction, content, design, approval of the "Regulations on the structural unit" and "Job description" and amendments thereto".

The University has an administrative staff, the number and qualification composition of which contributes to ensuring the implementation of the EP "General Medicine", proper management and allocation of resources.

The structures are defined, their responsibility for the development and management of the implementation of the EP, the allocation of resources, including decent remuneration for teaching staff, which is carried out taking into account scientific achievements in the field of medicine, final learning outcomes, contribution to the development of medical science, solving problems in the field of public health and healthcare. The management is being evaluated to achieve the Mission objective and the final results of the EP.

It is necessary to notice the autonomy of the University in the formation of the organizational structure and collegial governing bodies, their composition, the allocation of resources necessary for the implementation of the EP, including decent remuneration of teaching staff in achieving the final learning outcomes, for their contribution to the development of medical science, solving problems in the field of public health and healthcare;

Interaction with the healthcare sector is carried out on the basis of concluded agreements, which define the forms and fields of cooperation. Teaching staff of the University participates in protection of the health of citizens in the Kirov region, which is due to the presence of its own clinic, the representation of teaching staff as part of the chief freelance specialists of the region, overseeing the areas of medical care and managing the quality of medical care; the organisation of regular visits to rural areas by advisory teams with the participation of leading professors and associate professors of clinical departments, the development of the volunteer movement among students (interviews, documents, a report, visit to the Clinic).

The University participates in the Board of the Ministry of Healthcare of the Kirov region, in the implementation of the federal program "A new model of a medical organisation providing primary health care "Lean Polyclinic", the analysis of demographic indicators in the region to

develop scientific programs to reduce mortality from socially significant diseases.

The University, together with regional executive authorities in the field of healthcare and medical organizations in the region, actively develops continuing medical education, expands the number of residency specialties, and conducts advanced training for doctors.

Constructive interaction with the healthcare sector, the joint responsibility of the University and practical healthcare for the quality of specialist training is one of the strengths of Kirov State Medical University.

Strengths/best practices

The implementation of the EP “General Medicine” is based on constructive interaction with the healthcare system and sectors of society, the government, the joint responsibility of the University and practical healthcare for the quality of specialist training and the quality of medical care.

Recommendations of the External Expert Commission

The University administration is recommended to provide for the allocation of funds for academic mobility, the organisation of teaching staff modern teaching methods, and research in the field of medical education when planning the budget. The deadline is during the 2024/2025 academic year, then permanently.

The conclusions of the External Expert Commission according to the criteria:

- *Strong* – 1
- *Satisfactory* – 12
- *Requires improvements* – 0
- *Unsatisfactory* – 0

6.9. Standard “Continuing innovations”

The evidentiary part

Kirov State Medical University of the Ministry of Healthcare of the Russian Federation is a dynamically developing and socially responsible educational organisation, which has developed and implemented procedures for continuous monitoring and improvement of the fundamental processes of functioning. The University Development Program for 2021-2030 was developed.

Since 2009, the University has developed, implemented and certified the quality management system (QMS) for educational services of higher professional education, and created a new structural unit - the QMS Central Office. The University has passed a certification audit according to the requirements of the International Standard ISO 9001:2015.

The implementation of the educational program is monitored annually, learning outcomes are evaluated, and Mission achievement is analysed, which is the basis for reviewing the educational program, the content of discipline programs, teaching methods, and evaluating student academic achievements and competencies. The assessment of the structure, function and activity of academic units, organisation and logistical support of the educational process, and the state of the learning environment is carried out. All monitoring and analysis results are documented, brought to the attention of senior management and available to all interested persons on the website of the University. The results of monitoring are reviewed at meetings of departments, the Academic Council of the Faculty of Medicine, ASO, EMB and the Academic Council of the University.

EMB process interaction schemes, process maps and documented standards were approved. The report presents the directions of monitoring the implementation of the educational program “General Medicine” and the procedures for the development and approval of corrective measures.

The University annually evaluates the availability of a commission and determines the need for additional resources to ensure a high-quality educational process and the possibility of continuous improvement, which is considered in the plan of financial and economic activities for the next year, optimisation of basic processes, working out of staff development programs, etc.

The University implements a staff activity and development policy, which includes training, development, support and evaluation of the teaching staff. The planning of personnel resources is an important stage in the implementation of personnel policy and is aimed at training the young personnel. The process of updating and improving the implementation of the program is based on the use of electronic information technologies, practice-oriented technologies of the educational process, improving the pedagogical process and improving the quality of teaching. Teachers of the departments participate in conferences, seminars, webinars on the development of medical education, higher school pedagogy, accreditation issues, preparation of new educational programs, and improvement of the quality of education.

The process of updating, revision of the policy in the field of quality assurance, optimisation of the educational program “General Medicine” based on experience, scientific achievements and requirements of practical healthcare ensure the quality of training of doctors at Kirov State Medical University of the Ministry of Healthcare of the Russian Federation, high demand and percentage of employment. The use of a competence-based approach in the development of the educational program allows the University to respond promptly to the needs of interested persons.

The mission and final results of the educational program “General Medicine” are adapted to the socio-economic and cultural development of the region and the country, international standards.

Annual analysis of the requirements in the national healthcare system, world scientific achievements in biomedicine and clinical medicine is carried out to review the final learning outcomes. This allows graduates of the University to meet the requirements of the professional standard and perform the functions of a doctor efficiently after employment, as evidenced by the demand for graduates both in the country and abroad. At the same time, the competencies obtained at the basic level in the educational program “General Medicine” allow graduates to continue their studies in residency and postgraduate programs.

The model of the educational program “General Medicine” and methodological approaches to its implementation have been developed considering modern theories in medical education, promotes self-education and the development of practical skills, form the necessary communication skills and the ability to work in a team. The results of an internal independent assessment of the quality of the educational program and proposals for its improvement are discussed with all interested persons and make the basis for the adjustment of the educational program, considering achievements in biomedical, behavioural, social and clinical sciences.

Assessing the quality of students' achievement of planned learning outcomes in the discipline (module) and practice is the mission of the program, which consists in training highly qualified specialists for the country's and the world's healthcare system. Updating the educational program entails correcting the final learning outcomes, teaching methods and knowledge assessment. The evaluation strategy, which is determined by the objectives of the program, evaluates the formation of competencies, while the organisation of educational activities at the faculty is based on an independent assessment of the quality of the educational program implementation.

The student recruitment policy and selection methods for the educational program “General Medicine” are updated annually in accordance with the admission control figures for both budget and extra-budgetary forms, considering the needs of the healthcare system of the region, country, and global healthcare conditions. Internationalisation is one of the priority areas for the implementation of the educational programs in accordance with the federal project “Export of Education” to achieve national goals.

There is a description of the process of updating educational resources, which is carried out in accordance with the recruitment of students, changing needs for the implementation of educational programs, the development of research areas in medicine, innovative health technologies, as well as the socio-economic requirements of the labor market in the field of medical services.

The University is improving the process of monitoring and evaluating the educational program “General Medicine” with the involvement of all interested persons. One of the important directions is to update the curriculum in accordance with international standards in order to develop international contacts, attract students from different countries; improve teaching in English.

The improvement of the organisational structure and management principles of the University in order to ensure the effective implementation of the educational program “General Medicine” and satisfaction of the interests of interested persons is carried out on the basis of annual monitoring of the quality management system, internal and external audits, which is an important institutional element (self-assessment report). When implementing the educational program, the University regularly reviews internal regulatory documents, work plans of the Faculty of General Medicine, considering changes in the requirements of the internal and external environment, the healthcare system and society. Adjustments are being made to the organisational structure and staffing.

The analytical part

The organisational and managerial structure of the University, human resources, functioning of EMB, the interest of the University administration in increasing its competitiveness in the educational services market ensures the adoption of managerial decisions on planning and using resources aimed at modernising the educational environment, the introduction of modern information and simulation technologies, ensuring social guarantees for teaching staff and students, innovation of material and technical resources.

The implementation of the educational program and its compliance with the requirements of professional standards, the Mission and goals of the educational program are monitored. The renewal of General Medicine is carried out considering modern achievements in medical education.

The process of updating, revision of the policy in the field of quality assurance, optimisation of the educational program “General Medicine” based on existing experience, scientific achievements and requirements of practical healthcare ensure the quality of training of doctors of Kirov State Medical University of the Ministry of Healthcare of the Russian Federation, high demand and the percentage of employment. The use of a competence-based approach in the development of the educational program allows the University to respond promptly to the needs of interested persons.

Strengths/best practices

According to this standard, no strengths have been identified.

Recommendations of the Independent Expert Board

No

The conclusions of the Independent Expert Board according to the criteria:

- Strong – 0
- Satisfactory – 12
- Requires improvements – 0
- Unsatisfactory – 0

OVERVIEW OF STRENGTHS / BEST PRACTICES FOR EACH STANDARD

The standard “Mission and outcomes”

According to this standard, no strengths were identified.

The standard “Educational program”

According to this standard, no strengths were identified.

The standard “Assessment of students”

According to this standard, no strengths were identified.

The standard “Students”

According to this standard, no strengths were identified.

The standard “Academic staff / teachers”

According to this standard, no strengths were identified.

The standard “Educational resources”

1. Kirov State Medical University provides students of the educational program “general Medicine” with the resources necessary to acquire clinical/practical experience (practical skills), including its own clinic equipped with modern equipment for providing specialized medical care to patients of surgical and therapeutic profile, conducting scientific research, including clinical trials, which is one of the strengths of the institution education (interviews, visits to the base).

2. The University has defined a policy that promotes the strengthening of the relationship between scientific research and education, has created a resource base for the implementation of scientific projects in priority areas in the field of medicine, including the creation of an antitussive vaccine, allowing cooperation with leading national and international scientific centers, which is one of the strengths of Kirov State Medical University in the implementation of the educational program “General Medicine”.

The standard “Evaluation of the educational program”

According to this standard, no strengths were identified.

The standard “Management and Administration”

The implementation of the educational program “General Medicine” is based on constructive interaction with the healthcare system and sectors of society, the government, the joint responsibility of the University and practical healthcare for the quality of specialist training and the quality of medical care.

The standard “Continuous Innovations”

According to this standard, no strengths were identified.

OVERVIEW OF RECOMMENDATIONS FOR QUALITY IMPROVEMENT

Standard 1. “MISSION AND OUTCOMES”

1. It is recommended that the Dean of the Faculty of General Medicine and the Head of the educational program bring to the attention of participants in the educational process (students, teaching staff, employers) The mission of the educational program “General Medicine” ensuring its accessible placement on the University's website. The deadline is June 2024.

2. The Dean of the Faculty of General Medicine and the Head of the educational program are recommended to ensure the participation of key stakeholders (students, teaching staff,

employers) in the formulation of the Mission of the educational program “General Medicine” and the expected learning outcomes. The deadline is during the 2023/2024 academic year.

3. The Dean of the Faculty of General Medicine and the Head of the educational program should ensure that the stated Mission of the educational program “General Medicine” and the expected results are based on the opinion/proposal of other interested parties. The deadline is June 2024.

Standard 2 “EDUCATIONAL PROGRAM”

1. The Dean of the Faculty of General Medicine, the Head of the educational program, together with the head of the Academic Services Office, is recommended to organise training for teaching staff aimed at increasing their awareness of the educational program, which includes an integrated learning model based on a modular or spiral design. The deadline is December 2024, then permanently.

2. The Dean of the Faculty of general Medicine, the Head of the educational program, together with the head of the Academic Services Office, is recommended to organize teaching staff, student-centered teaching methods, and training that stimulate, prepare and support students to take responsibility for the learning process, and ensure their implementation in educational activities. The deadline is December 2024, then permanently.

3. The Dean of the Faculty of General Medicine and the Head of the educational program should organise (ensure) informing teaching staff and students about the procedure for choosing elective disciplines (elective disciplines) in order to ensure a balance between the mandatory and elective parts of the educational program. The deadline is June 2024, then permanently.

4. To ensure (expand) the representation of students, practical healthcare, and graduates in collegial bodies (Academic Council of the University, Academic Council of the Faculty of Medicine) responsible for the development and approval of the educational program. The deadline is September 2024, then permanently.

5. The management of the University and the educational program is recommended to provide an opportunity to plan and implement innovations in the educational program through the committee (Academic Services Office) responsible for the educational program. The deadline is during the 2024/2025 academic year.

Standard 3. “ASSESSMENT OF STUDENTS”

1. The Dean of the Faculty of General Medicine and the Head of the educational program, together with the Academic Services Office, ensure the introduction and use of criteria-based assessment methods, including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format. The deadline is during the 2024/2025 academic year, then permanently.

2. The Dean of the Faculty of General Medicine and the Head of the educational program, together with the UMU, provide for the possibility of ensuring an open assessment procedure and its results, informing students about the criteria and assessment procedures used. The deadline is during the 2024/2025 academic year, then permanently.

3. The Dean of the Faculty of Medicine and the Head of the educational program, together with the Academic Services Office, provide for the possibility of documenting and evaluating the reliability and validity of assessment methods, as well as attracting external examiners. The deadline is during the 2024/2025 academic year, then permanently.

4. The Dean of the Faculty of Medicine and the Head of the educational program, together with the Academic Services Office, ensure the organization of teaching teaching staff assessment methods and practices that are comparable with the planned learning outcomes and teaching and learning methods, guarantee the achievement of the planned results, ensure an appropriate balance of formative and final assessment for the direction of study and decision-making on academic performance, with the aim of further implementation into the educational process. The deadline is during the 2024/2025 academic year, then permanently.

5. To provide the Dean of the Faculty of General Medicine and the Head of the educational program, together with the Academic Services Office, with the opportunity to adjust the number and nature of exams to stimulate the acquisition of knowledge and ensure integrated learning. The deadline is during the 2024/2025 academic year, then constantly

Standard 4. “STUDENTS”

1. The Dean of the Faculty of General Medicine, the Head of the educational program is recommended to ensure that teaching staff and students are informed about the process of forming an individual educational trajectory within the framework of the implementation of the educational program “General Medicine”. The deadline is until the end of the 2023/2024 academic year, then constantly

2. The management of the University, the Dean of the Faculty of General Medicine, the Head of the educational program is recommended to expand the representation of students in collegial bodies (the Academic Council of the University, the Academic Council of the Faculty of General Medicine) responsible for defining the mission, for the development, management and evaluation of the educational program “General Medicine”. The deadline is September 2024, then permanently.

Standard 5. “ACADEMIC STAFF/ TEACHERS”

1. The management of the University, the Dean of the Faculty of General Medicine is recommended:

- To consider the possibility of sending teachers of the educational program 31.05.01 “General Medicine” to study modern teaching methods in leading educational centers of the Russian Federation and foreign countries. The deadline is during the 2024/2025 academic year, then permanently.
- To organize training in modern teaching methods for teachers of the educational program 31.05.01 “General Medicine” at the University with the involvement of leading experts in this field. The deadline is during the 2024/2025 academic year, then permanently.
- To include training in modern teaching methods in the professional development plan for teachers of the educational program 31.05.01 “General Medicine”. The deadline is during the 2024/2025 academic year, then permanently.

Standard 6. “EDUCATIONAL RESOURCES”

The University administration and the Dean of the Faculty of General Medicine should consider the possibility of expanding the forms of academic mobility of teaching staff and students, providing them with appropriate financial, organisational and educational support. The deadline is during the 2024/2025 academic year, then permanently.

Standard 8. “MANAGEMENT AND ADMINISTRATION”

It is recommended that the University management, when planning the budget, allocate funds to ensure academic mobility, organize teaching staff modern teaching methods, and conduct research in the field of medical education. The deadline is during the 2024/2025 academic year, then constantly

OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE EDUCATIONAL INSTITUTION

There are no recommendations from the EEC.

RECOMMENDATION FOR THE ACCREDITATION COUNCIL

The members of the EEC came to the unanimous opinion that the EP "General Medicine" of the Federal State Budgetary Educational Institution of Higher Education "Kirov State Medical University" (Russian Federation, Kirov) is recommended for accreditation for a period of 5 years.



Appendix 1. Evaluation table «SPECIALISED PARAMETERS»

№	№	№ crit.	ASSESSMENT CRITERIA	Position of the EI			
				Strong	Satisfactory	Requires improvement	Unsatisfactory
Standard 1. MISSION AND OUTCOMES							
1.1 Defining mission							
Educational institution must:							
1	1	1.1.1.	define mission of the EP and bring it to the notice of stakeholders and healthcare sector.			+	
2	2	1.1.2.	ensure that the mission of the EP reflects the goals and educational strategy, which contribute to training competent specialists at the level of higher education in the field of healthcare with an relevant foundation for further career in any field of healthcare, including all types of practice, administrative medicine and scientific research in healthcare; capable of fulfilling the role and functions of a specialist in accordance with the established requirements of the healthcare sector; prepared for postgraduate education and committed to lifelong learning		+		
3	3	1.1.3.	guarantee that the mission includes research in biomedical, clinical, pharmaceutical, behavioral and social sciences, aspects of global health and reflects major international issues of healthcare		+		
1.2 Institutional autonomy and academic freedom							
Educational institution must:							
4	4	1.2.1.	have institutional autonomy for developing and implementing a quality assurance policy, for which the administration and faculty are responsible, especially with regard to development of the curriculum and management of resources required for curriculum implementation.		+		
5	5	1.2.2.	provide academic freedom of staff and students for implementation of the educational program, ensure application of resources of new research for improving learning in certain courses\issues without EP extension		+		
1.3 Learning outcomes							
Educational institution must:							
6	6	1.3.1.	define expected learning outcomes which should be achieved by the students upon graduation, provide an opportunity to acquire basic knowledge and professional skills; relevant foundation for the future career in any field of healthcare; future positions in healthcare sector; further postgraduate education; commitment for lifelong learning; public needs and public health; requirements of the healthcare systems and other aspects of social responsibility		+		

7	7	1.3.2.	ensure proper behavior of students towards fellow students, teaching staff, hospital personnel, patients and their relatives		+		
8	8	1.3.3.	publish expected learning outcomes of the EP		+		
9	9	1.3.4.	define and coordinate the connection between learning outcomes expected at the moment of graduation with those required in postgraduate education		+		
10	10	1.3.5.	provide an opportunity for students to participate in research activities in the chosen area of healthcare		+		
11	11	1.3.6.	pay attention to expected learning outcomes connected to global health		+		
1.4 Participating in developing the mission and learning outcomes							
Educational institution must:							
12	12	1.4.1.	ensure participation of all major stakeholders in development of the mission and expected learning outcomes			+	
13	13	1.4.2.	ensure that the declared mission and expected learning outcomes are based on opinion/proposals of other stakeholders			+	
Total				0	10	3	0
Standard 2. EDUCATIONAL PROGRAMME							
2.1 Model of educational programme and learning methods							
Educational institution must:							
14	1	2.1.1.	define specifications of the EP, which includes declaring expected learning outcomes, curriculum based on module or spiral structure, qualification received upon completion of the programme			+	
15	2	2.1.2.	use teaching and learning methods which stimulate, prepare and support students for taking responsibility in the study process			+	
16	3	2.1.3.	guarantee that the EP is implemented according to the principle of equality		+		
17	4	2.1.4.	develop students' lifelong learning abilities		+		
2.2 Scientific method							
Educational institution must:							
18	5	2.2.1.	teach students to adopt the principles of scientific methodology, including methods of analytical and critical thinking; methods of research in healthcare and evidence-based medicine throughout the educational program		+		
19	6	2.2.2.	include results of modern scientific research into the EP		+		
2.3 Basic biomedical sciences							
Educational institution must:							
20	7	2.3.1.	define and include into the EP achievements of basic biomedical sciences for the formation of students' understanding of scientific knowledge, concepts and methods that are the basis for the acquisition and practical application of clinical scientific knowledge		+		
21	8	2.3.2.	make amendments to the EP considering achievements of biomedical sciences, reflecting scientific, technological, medical and pharmaceutical developments, current and future needs of society and healthcare system		+		
2.4 Behavioral and social sciences, medical/pharmaceutical ethics and jurisprudence							
Educational institution must:							

22	9	2.4.1.	define and include into the EP achievements of behavioral and social sciences, medical/pharmaceutical ethics and jurisprudence		+		
23	10	2.4.2.	make amendments to the EP considering achievements of behavioral and social sciences, medical/pharmaceutical ethics and jurisprudence, including modern scientific, technological, medical and pharmaceutical developments, current and future needs of society and healthcare system; changeable demographic and cultural context		+		
2.5 Clinical/pharmaceutical sciences and skills							
Educational institution must:							
24	11	2.5.1.	define and include into the EP achievements of clinical/pharmaceutical sciences and skills in order to guarantee that upon graduation students acquire relevant knowledge, clinical and professional skills for taking responsibility in further professional activities:		+		
25	12	2.5.2.	ensure that students spend a sufficient part of the programme in planned contacts with patients and service consumer in appropriate clinical/industrial settings and gain experience in health promotion and disease prevention		+		
26	13	2.5.3.	determine the amount of time devoted to studying the main clinical/specialized courses		+		
27	14	2.5.4.	organize educational process with appropriate attention to safety of the learning environment and patients, including monitoring the actions performed by the student in the clinical/production phases		+		
28	15	2.5.5.	make amendments to the EP considering modern scientific, technological, medical and pharmaceutical developments, current and future needs of society and healthcare system;		+		
29	16	2.5.6.	ensure that each student has early contact with real patients, service consumers, including their gradual participation in the provision of services and including responsibility: - in terms of examining and/or treating a patient under supervision, in appropriate clinical conditions; - in the procedures of sanitary and epidemiological supervision in terms of examination and/or inspection of the object under supervision, carried out in the relevant production facilities (centres of sanitary and epidemiological expertise, territorial departments of sanitary and epidemiological control, including transport, disinfection organizations and medical facilities); - in terms of advising the patient on the rational use of medicines, which is carried out in appropriate work environment		+		
30	17	2.5.7.	structure various components of training in clinical, hygienic skills for monitoring environmental and industrial factors and other production skills in accordance with a specific stage of the educational program.		+		
2.6 Structure of the educational program, content and duration							
Educational institution must:							

31	18	2.6.1.	describe the content, scope and sequence of courses/modules, including compliance with the appropriate ratio between basic biomedical, behavioral, social and clinical/specialized courses		+		
32	19	2.6.2.	ensure horizontal integration of interdisciplinary sciences and courses;		+		
33	20	2.6.3.	ensure vertical integration of clinical/specialized sciences with basic biomedical, behavioral and social sciences		+		
34	21	2.6.4.	provide elective content (electives) and determine the balance between mandatory and elective part of the EP			+	
35	22	2.6.5.	define interconnection between complimentary medicine, which includes non-traditional, traditional or alternative medical practice, occupational medicine, which includes aspects of environmental effect and effect of anthropogenic production load, social environment on human health		+		
2.7 Programme management							
Educational institution must:							
36	23	2.7.1.	establish procedures for development, approval and revision of the EP		+		
37	24	2.7.2.	establish a committee managed by the academic administration, responsible for planning and implementation of the EP for ensuring achievement of expected learning outcomes		+		
38	25	2.7.3.	to ensure representation of teaching staff, students, representatives from other stakeholders, including representatives from clinical, industrial facilities, graduates of the university, healthcare professionals involved in the learning process, in the university committee responsible for the OP.			+	
39	26	2.7.4.	plan and implement improvements in the EP through the responsible committee			+	
2.8 Association with medical/pharmaceutical practice and healthcare system							
Educational institution must:							
40	27	2.8.1.	ensure continuity between the EP and further stages of professional training or practical activity, which the student will begin upon graduation		+		
41	28	2.8.2.	improve the EP in compliance with the job conditions of the future graduates		+		
<i>Total</i>				0	23	5	0
Standard 3. ASSESSMENT OF STUDENTS							
3.1 Assessment methods							
Educational institution must:							
42	1	3.1.1.	identify and establish principles, methods and procedure of students' assessment, including the number of exams, criteria for setting passing scores, grades and the number of allowed retakes		+		
43	2	3.1.2.	ensure that assessment procedures cover knowledge, skills, attitudes and professional behavior		+		
44	3	3.1.3.	use a wide range of assessment methods and formats depending on their "utility assessment", including a combination of validity, reliability, impact on learning, acceptability and effectiveness of assessment methods and format			+	

45	4	3.1.4.	ensure that the assessment process and methods are open (accessible) for examination by external experts		+		
46	5	3.1.5.	ensure that assessment methods and results avoid conflicts of interest and use a system to appeal student assessment results		+		
47	6	3.1.6.	ensure openness of the assessment procedure and its results, inform students about the criteria and assessment procedures being used			+	
48	7	3.1.7.	provide the possibility for documenting and evaluating validity and reliability of assessment methods, as well as involvement of external examiners			+	
3.2 Correlation between assessment and learning							
Educational institution must:							
49	8	3.2.1.	use assessment principles, methods and procedures that are comparable to the expected learning outcomes, teaching and learning methods, guarantee achievement of expected learning outcomes, facilitate the study process, ensure an appropriate balance of formatted and final assessment for the area learning and making decision on academic performance			+	
50	9	3.2.2.	provide the possibility of adjusting the number and composition of exams in order to stimulate both knowledge acquisition and integrated learning			+	
51	10	3.2.3.	provide timely, specific, constructive and fair students feedback based on the assessment results		+		
Total				0	5	5	0
Standard 4. STUDENTS							
4.1 Admission and selection policy							
Educational institution must:							
52	1	4.1.1.	define and implement an admission policy which is based on the principles of objectivity and includes a clear statement about the student selection process		+		
53	2	4.1.2.	have and implement policy and procedure of admitting individuals with disabilities		+		
54	3	4.1.3.	have and implement policy and procedure of transferring students from other educational institutions, including foreign ones		+		
55	4	4.1.4.	establish a link between the selection and the mission of the educational institution, the educational programme and the desired quality of graduates; periodically review the admission policy		+		
56	5	4.1.5.	use the system of appealing decisions on the students' admission		+		
4.2 Admission of students							
Educational institution must:							
57	6	4.2.1.	determine the number of admitted students in accordance with the resources of the educational institution at all stages of the educational program		+		
58	7	4.2.2.	periodically regulate the number and range of admitted students, taking into consideration the views of stakeholders responsible for planning and developing human resources in the healthcare sector in order to meet healthcare needs of the population and society as a whole		+		

59	8	4.2.3.	provide the possibility for periodic review and regulation of the number and nature of admitted students, taking into consideration the opinion of other stakeholders in order to meet healthcare needs of the population and society as a whole		+		
4.3 Student counseling and support							
Educational institution must:							
60	9	4.3.1.	have a system of students' academic counseling		+		
61	10	4.3.2.	offer students a support programme aimed at social, financial and personal needs, assigning related resources and ensuring confidentiality of counseling and support		+		
62	11	4.3.3.	have a student feedback system to assess conditions and implementation of the educational process		+		
63	12	4.3.4.	provide students with documents confirming their qualifications (diploma) and diploma supplement (transcript)		+		
64	13	4.3.5.	take into account the needs of different students' groups and provide an opportunity to form an individual educational trajectory			+	
65	14	4.3.6.	provide academic counseling which is based on monitoring student academic performance and includes issues of professional orientation and career planning		+		
4.4 Student representative bodies							
Educational institution must:							
66	15	4.4.1.	develop and implement a policy of student representation and their appropriate participation in defining the mission, developing, managing and evaluating the educational program, and other issues related to students			+	
67	16	4.4.2.	provide an opportunity to encourage and assist student organizations in supporting student activities		+		
Total				0	14	2	0
Standard 5. ACADEMIC STAFF/TEACHING STAFF							
5.1 Recruitment and selection policy							
Educational institution must develop and implement staff selection and recruitment policy that:							
68	1	5.1.1.	defines their category, responsibility and balance of academic staff/teaching staff of basic biomedical sciences, behavioral and social sciences, and medical/pharmaceutical sciences for the adequate implementation of the EP, including a proper ratio between teachers of medical, non-medical, pharmaceutical profiles, teachers working full-time or part-time, as well as the balance between academic and non-academic staff		+		
69	2	5.1.2.	considers criteria of scientific, educational and clinical achievements, including relationship between teaching and research activities and "utility" functions		+		
70	3	5.1.3.	defines and monitors responsibility of the academic staff/teaching staff of basic biomedical sciences, behavioral and social sciences, clinical, hygienic, pharmaceutical sciences		+		
71	4	5.1.4.	defines and monitors responsibility of the academic staff/teaching staff of basic biomedical sciences, behavioral and social		+		

			sciences, clinical, hygienic, pharmaceutical sciences				
5.2 Policy of staff functions and development							
Educational institution must develop and implement staff selection and recruitment policy that:							
72	5	5.2.1.	maintains a balance of opportunity between teaching, research and "utility" functions, ensures recognition of worthy academic activities with appropriate emphasis on teaching, research, and professional qualifications		+		
73	6	5.2.2.	ensures acquisition of sufficient knowledge by individual employees of the entire educational program, as well as training and advanced training of teachers, their development and assessment		+		
74	7	5.2.3.	provide the possibility to consider the "teacher-student" ratio depending on the various components of the educational program		+		
75	8	5.2.4.	staff career growth	0	8	0	0
<i>Total</i>							
Standard 6. EDUCATIONAL RESOURCES							
6.1 Material and technical resources							
Educational institution must:							
76	1	6.1.1.	have sufficient amount of material and technical resources to ensure proper implementation of the educational program, as well as to create a safe learning environment for the staff, students, patients, and their relatives		+		
77	2	6.1.2.	improve the learning environment by regularly updating and expanding the material and technical resources to meet changes in educational sphere		+		
6.2 Resources for practical training							
Educational institution must:							
78	3	6.2.1.	provide the necessary resources to provide students with proper clinical practical experience, including: - quality and categories of patients and service consumers; - number of clinical/production facilities in various categories; - supervision of students	+			
79	4	6.2.2.	evaluate, adapt and improve conditions for clinical/practical training to meet the needs of the population		+		
6.3 Information technologies							
Educational institution must:							
80	5	6.3.1.	develop and implement policies aimed at effective and ethical use and evaluation of relevant information and communication technologies		+		
81	6	6.3.2.	provide access to websites and other mass communication media		+		
82	7	6.3.3.	provide teaching staff and students with access to sufficient patient data and healthcare information systems, using existing and relevant new information and communication technologies for self-tuition, access to informational databases of patients and dealing with healthcare information systems		+		
6.4 Research in medicine/pharmacy and scientific achievements							
Educational institution must:							

83	8	6.4.1.	use research activities and scientific achievements in the field of medicine and pharmacy as a foundation for the educational program		+		
84	9	6.4.2.	formulate and implement policies that strengthen the relationship between scientific research and education; provide information on research facilities and priority areas of scientific research in the educational institution	+			
85	10	6.4.3.	to provide coordination between scientific research and education, which is taken into account in teaching process, encourages and prepares students to participate in scientific research in the field of healthcare		+		
6.5 Educational expertise							
Educational institution must:							
86	11	6.5.1.	have access to educational expertise of the educational process and issues of medical and pharmaceutical education with involvement of specialists, educational psychologists, sociologists at the university, interuniversity and international levels; develop and implement an expertise policy in the development, implementation, evaluation of the educational program, development of teaching and assessment methods				
87	12	6.5.2.	demonstrate evidence of using internal or external educational expertise in staff development, considering current experience in medical/pharmaceutical education and promoting the interests of staff in conducting research in education		+		
6.6 Educational exchange							
Educational institution must:							
88	13	6.6.1.	develop and implement a policy on domestic and international cooperation with other educational organizations, including staff and student mobility, as well as transfer of educational credits		+		
89	14	6.6.2.	facilitate participation of teaching staff and students in academic mobility programs within the country and abroad and manage resources required for these purposes		+		
Total				2	12	0	0
Standard 7. ASSESSMENT OF EDUCATIONAL PROGRAMME							
7.1 Programme monitoring and assessment mechanisms							
Educational institution must:							
90	1	7.1.1.	have regulated procedures for monitoring and periodic assessment of the educational program, learning outcomes, students' progress and academic performance		+		
91	2	7.1.2.	to develop and apply an educational programme assessment mechanism that examines the program, its main components, student performance, identifies and solves problems, ensuring that the relevant assessment results affect the educational program		+		
92	3	7.1.3.	periodically assess the educational program, examining all aspects of the educational process, components of the educational program, expected learning outcomes and social responsibility		+		

7.2 Teaching staff and student feedback							
Educational institution must:							
93	4	7.2.1.	systematically conduct, analyze and respond to feedback from teachers and students		+		
94	5	7.2.2.	use the feedback results to improve the educational program		+		
7.3 Students' academic achievements							
Educational institution must:							
95	6	7.3.1.	analyze academic performance of students and graduates in accordance with the mission and expected learning outcomes, educational programs and resource availability		+		
96	7	7.3.2.	analyze academic performance of students and graduates, with consideration to conditions of their previous education, level of preparation for university admission, use the results of the analysis to interact with the department responsible for selecting students, developing an educational program, advising students		+		
7.4 Involvement of stakeholders							
Educational institution must:							
97	8	7.4.1.	involve major stakeholders into monitoring and assessment of the educational program		+		
98	9	7.4.2.	provide stakeholders with access to the results of the programme assessment, collect and analyze feedback their feedback on medical practice of graduates and feedback on the educational program		+		
Total				0	9	0	0
Standard 8. MANAGEMENT AND ADMINISTRATION							
8.1. Management							
Educational institution must:							
99	1	8.1.1.	establish departments and their functions, including interrelations within the university		+		
100	2	8.1.2.	establish committees within the management structure, their responsibilities, and personnel which reflects representation of major and other stakeholders, ensuring transparency of work and decisions of the governance bodies		+		
8.2 Academic leadership							
Educational institution must:							
101	3	8.2.1.	describe responsibilities of the academic leadership in defining and managing the educational program		+		
102	4	8.2.2.	conduct periodic assessment of academic leadership regarding achievement of its mission and expected learning outcomes		+		
8.3 Budget for educational services and resources management							
Educational institution must:							
103	5	8.3.1.	have a clear allocation of responsibility and authority to provide resources for the educational program, including the target budget for education		+		
104	6	8.3.2.	provide resources required for implementation of the educational programme and allocate educational resources according to the needs		+		
105	7	8.3.3.	to provide a possibility for independent allocation of resources, including remuneration of teaching staff who duly achieve the expected learning outcomes, consider scientific achievements in healthcare and public health problems when allocating resources		+		

8.4 Administrative staff and management							
Educational institution must:							
106	8	8.4.1.	have administrative and professional staff to implement the educational programme and related activities, ensure proper management and allocation of resources		+		
107	9	8.4.2.	ensure participation of all departments of the educational institution in the processes and procedures of the internal quality assurance system		+		
8.5 Association with the healthcare sector							
Educational institution must:							
108	10	8.5.1.	cooperate with the healthcare system, health-related sectors of society and government, including foreign ones	+			
109	11	8.5.2.	give an official status to cooperation, including involvement of employees, students, and partners into the healthcare sector		+		
8.6 Public awareness							
Educational institution must:							
110	12	8.6.1.	publish complete and reliable information about the educational programme and its achievements on the official website of the educational institution and in the media		+		
111	13	8.6.2.	publish objective information on the employment and demand for graduates on the official website		+		
Total				1	12	0	0
Standard 9. CONTINUING INNOVATION							
Educational institution must:							
112	1	9.1.1.	as a dynamic and socially responsible organization, should initiate procedures for regular review and updating the process, structure, content, results/competencies, assessment and learning environment of the program, eliminate documented deficiencies, allocate resources for continuous updating		+		
113	2	9.1.2.	base the innovation process on prospective research in the field of healthcare and on the results of its own study, assessment, and literature on medical/pharmaceutical education		+		
The educational institution must ensure that the process of innovation and restructuring leads to a review of policies and practices in accordance with previous experience, current activities, and prospects, and provide for the opportunity to address the following issues during the innovation process:							
114	3	9.1.3.	adapting the mission for the scientific, socio-economic, and cultural development of society		+		
115	4	9.1.4.	changes in the expected learning outcomes of graduates in accordance with the documented needs of the environment which they will be in, modification of learning outcomes in accordance with the documented needs of the postgraduate training environment, including clinical skills, training in public health and participation in the provision of medical care to patients in accordance with the responsibilities that are assigned to graduates after completing their education		+		
116	5	9.1.5.	adaptation of the EP model and teaching methods to ensure their adequacy and relevance		+		
117	6	9.1.6.	adjustments of EP elements and their interconnection in accordance with advances in biomedical, behavioural, social and clinical,		+		

			hygienic, pharmaceutical sciences, with changes in the demographic situation and health status/morbidity structure of the population and socio-economic and cultural conditions, and the adjustment process will ensure inclusion of new relevant knowledge, concepts, methods, and exclusion of outdated ones				
118	7	9.1.7.	development of assessment principles, methods, and the number of exams in accordance with changes in the expected learning outcomes and teaching methods		+		
119	8	9.1.8.	adaptation of the student admission policy and methods of their selection, taking into account changing expectations and their circumstances, demand for personnel, changes in the pre-university education system and the requirements of the program		+		
120	9	9.1.9.	adapting recruitment policy and establishment of academic staff in accordance with changing needs		+		
121	10	9.1.10.	updating educational resources in accordance with changing needs, i.e. number of students enrolled, number and specialty of academic staff and the educational program		+		
122	11	9.1.11.	improving the process of monitoring and assessing of programmes		+		
123	12	9.1.12.	development of an organizational structure, as well as leadership and management, to cope with changing circumstances and needs and, over time, adapt to the interests of various stakeholder groups		+		
<i>Total</i>				0	12	0	0
OVERALL TOTAL				3	105	15	0