

MISSION OF THE EDUCATIONAL PROGRAM 70910205 MASTER'S PROGRAM IN "CARDIOLOGY"

The mission of the master's program in specialty 70910205 "Cardiology" is the training of physicians to provide qualified medical care to the population, integrating the latest achievements in education, science, and medicine to improve the quality of healthcare and enhance public health overall. The program aims to prepare competitive, highly qualified master's students within the continuous education system, possessing knowledge that meets international standards and demonstrating high morality and culture.

The Master's Department of Andijan State Medical Institute has been functioning since 2001. Currently, the educational process is organized across 32 specialties. <https://adti.uz/>

The vision of the mission is a leading higher education institution based on the principles of an academic healthcare and science system, serving as a center where professionals work together to develop and transmit knowledge about human health. The master's program in specialty 70910205 "Cardiology" unites the efforts of physicians, researchers, faculty, and other specialists who are inspired by the common mission and share the same values—caring for public health.

Values:

- People (adult population, master's students, staff)
- Competence (in science, education, clinical practice, management)
- Transparency (openness to society; openness to new ideas; openness in decision-making processes)
- National traditions
- Collectiveness (joint decision-making among master's students, graduates, PhD students, and residents).

The values of the educational program in "Cardiology" include quality, excellence, effectiveness, creativity and innovation, individual and institutional responsibility, employer satisfaction, motivation and development of the academic community, teamwork, internal and inter-university communication, proactive partnerships with academic institutions, governmental and non-governmental organizations domestically and abroad. The development strategy of the master's program aims to ensure quality and effectiveness in all activities—educational, scientific, clinical, and managerial—for successful integration into the European Higher Education Area.

Achieving this goal depends both on external factors—collective efforts to integrate into European structures—and internal factors—the vision and development of academic structures

to meet European standards and reform the education system.

Strategic development areas include:

- Continuous education for physicians and medical staff;
- Scientific research;
- Human resource development;
- Institutional management;
- International cooperation.

To fulfill the mission of the master's program, it is necessary to adhere to the following fundamental principles:

- Institutional autonomy;
- Managerial and financial efficiency;
- Academic freedom;
- Responsibility to society;
- Quality assurance;
- Beneficiary-oriented education;
- Freedom of national and international mobility for Master's students, academic staff,

and researchers;

- independence from ideologies, religions, and political doctrines;
- transparency;
- equal opportunities and fairness;
- partnership and consultation with social partners in decision-making.

As the mission constitutes the foundation of the activities and development of the master's program, it has been communicated to all stakeholders, including the academic community, master's students, residents, and physicians. This is implemented through:

- publication on the official website;
- distribution by e-mail to all departments of the Institute;
- informing the teaching staff, graduate students, graduates, and residents;
- posting on the Institute's information boards;
- collaboration with private companies;
- publications in informational booklets, etc.

The Master's educational program was developed collegially and approved at the meeting of the Institute's Council. The mission and vision of the Medical Faculty reflect social responsibility, an understanding of the faculty's purpose and significance in training highly competent specialists for the entire Republic, and align with the primary directions of

programmatic documents in the fields of education, science, and healthcare. The mission and objectives of the Master's program are widely accepted and supported by the administration, Institute staff, faculty members, and Master's students.

Andijan State Medical Institute (ASMI) attaches strategic significance to the openness and transparency of its activities. In this regard, the mission and vision of the Master's program in the specialty 'Cardiology' – 70910205 are aligned with the overall mission of the Institute and are aimed at preparing highly qualified specialists capable of effective work in clinical, scientific, and educational domains.

The mission and vision of the program were developed within the framework of the Institute's strategic plan and approved at the meeting of the Institute Council, taking into account the recommendations of the Ministry of Health, employers, and the professional medical community. They reflect the priorities of sustainable development of the healthcare system of the Republic of Uzbekistan, align with the global goals in medical education (SDG 3, WFME Standards), and are oriented towards the implementation of the principles of evidence-based, personalized, and ethically guided medicine.

To ensure comprehensive dissemination and awareness of the educational program's mission, the Institute employs the following channels and dissemination formats:

Intra-institutional channels:

Publication of the mission and development strategy of the Master's program on the official website of the Institute in three language versions (Uzbek, Russian, English): <https://adti.uz>; (<https://adti.uz/>).

Placement of the mission and educational objectives on the informational stands of the departments and dean's offices.

Inclusion in educational and methodological materials (syllabi, work programs).

Distribution among the faculty and Master's students via electronic mailing and the Hemis platform.

Discussion of the mission during introductory sessions, advisory hours, and departmental meetings.

External channels and interaction with the public:

Presentation of the program mission during job fairs, open days, and meetings with employers;

Distribution of informational brochures and promotional materials (in print and electronic formats);

Publication via social networks and mass media, through the Institute's pages

(Telegram, Facebook, etc.);

Presentation of the mission during international forums, symposiums, and conferences attended by faculty and master's students;

Dissemination of information to partner medical institutions, research institutes, and cardiologists' associations.

Ensuring alignment between the Institute's mission and the program:

The mission of the Master's program in Cardiology is incorporated into the overall strategy of ASMI and encompasses the following key provisions:

- social responsibility;
- academic freedom;
- quality assurance;
- clinical orientation and an interdisciplinary approach;
- international integration and sustainable development.

The mission of the program and the Institute is regularly aligned through internal quality audit mechanisms, internal strategic sessions, and analysis of surveys from graduates, employers, external experts, and professional associations.

Accordingly, the Institute ensures comprehensive dissemination of information about its mission and the objectives of the educational program to all stakeholders, and actively engages the public in the processes of developing, implementing, and evaluating the master's medical education programs.

The purpose of the Master's program in the Specialty "Cardiology" (Code 70910205) is to prepare highly qualified, competent, and clinically minded specialists equipped with contemporary knowledge and practical skills in the diagnosis, treatment, prevention, and emergency care of cardiovascular diseases. The program is designed to develop not only professional competencies but also scientific thinking, clinical ethics, an interdisciplinary approach, and social responsibility.

The objectives of postgraduate training are determined taking into account:

- the priority directions for the development of the healthcare system of the Republic of Uzbekistan;
- international approaches to the education of cardiologists (ESMO, ASCO, WFME);
- pressing cardiological issues of the region (high morbidity and mortality rates, late detection, insufficient screening coverage, and a shortage of personnel in cardiology services).

PROGRAM TARGET OBJECTIVES:

1. Development of clinical and cardiological thinking founded on the principles of

evidence-based medicine and ethics;

2. Training specialists capable of delivering qualified and specialized care within multidisciplinary and specialized clinics;

3. Enhancement of the scientific research potential of master's students, and their engagement in cardio-epidemiological, clinical-laboratory, and experimental research;

4. Ensuring an interdisciplinary and patient-centered approach in the management of cardiology patients;

5. Fostering commitment to continuous professional development, and readiness for teaching and research activities;

6. Enhancing the role of the cardiologist in prevention, screening, palliative, and rehabilitative care.

CORE VALUES OF THE EDUCATIONAL PROGRAM:

- Professionalism and humanism in clinical practice;
- Critical and scientific thinking;
- Ethical and legal responsibility;
- Individualization of approaches to patient treatment;
- Integration of knowledge from related disciplines (therapy, genetics, cardiac surgery, rheumatology, etc.);
- Openness to innovation and international cooperation.

EDUCATION AND SCIENCE:

The educational process is organized according to the principles of outcome-based education and includes:

- modern clinical scenarios and case-based methods;
- simulation training and practical experience at cardiology dispensaries and family outpatient clinics;
- research and pedagogical practice;
- interdisciplinary seminars and scientific study groups;
- individual research projects culminating in the preparation of a master's thesis;
- participation in conferences and publishing activities.

The research conducted by master's students is focused on solving practical cardiology challenges: advancing screening processes, evaluating interventional and genetic markers, analyzing pharmacological and epidemiological data, and introducing novel approaches to therapy, interventional procedures, and palliative care.

SOCIAL ORIENTATION:

The program considers not only professional and scientific objectives but also social

aspects:

- the healthcare system's demand for cardiology specialists;
- social challenges — late diagnosis and low cardiovascular awareness among the population;
- the need to cultivate social empathy, tolerance, and ethics in physicians;
- enhancing prevention and health education, and participation in WHO programs to reduce cardiovascular mortality.

Thus, the postgraduate education program in Cardiology is designed to prepare a new generation of cardiologists capable of responding to contemporary challenges, implementing scientific advancements into clinical practice, working within multidisciplinary teams, and establishing high standards of professionalism in the interest of the nation's health.

The Andijan State Medical Institute implements its mission not only declaratively but also translates it into concrete strategic, organizational, and educational solutions, including the development and continuous enhancement of postgraduate medical education programs, quality assurance mechanisms, as well as academic and clinical policies.

The mission of the Master's program in the Specialty "Cardiology" 70910205 is developed in close alignment with the Institute's mission and forms an integral part of the overall development strategy of ASMI. The Mission is aimed at training highly qualified specialists capable of addressing the challenges of modern cardiology, including the increase in cardiovascular morbidity, the necessity of early diagnosis, comprehensive treatment, rehabilitation, and palliative care.

TRANSFORMATION OF THE MISSION INTO AN EDUCATIONAL PROGRAM

The Mission is reflected in the following key aspects of the educational program:

- structuring the program into foundational, clinical, and research components;
- emphasis on evidence-based medicine and scientific training of master's students;
- implementation of ethical, communication, and professional competencies;
- ensuring integration of interdisciplinary knowledge (interventional cardiology, therapy, preventive medicine, endocrinology);
- active utilization of a practice-oriented approach in clinical bases;
- focus on individualized educational trajectories, including through elective disciplines.

INTERACTION WITH STAKEHOLDERS

The mission and development strategy of the program are formulated taking into account the opinions and expectations of various internal and external stakeholders:

- Faculty members participate in the annual review of curricula, including within the framework of departmental and methodological councils;
- Master's students are engaged through regular satisfaction surveys, questionnaires, participation in focus groups, and involvement in student councils;
- Graduates provide feedback through the Career Center and postgraduate monitoring forms;
- Employers (heads of cardiological dispensaries, medical organizations) participate in program development, accept master's students for internships, and take part in final certification;
- Professional communities and associations (for example, the Association of Cardiologists of Uzbekistan) provide expert evaluations and contribute to the development of clinical competencies.

QUALITY ASSURANCE SYSTEM

The transformation of the mission is achieved through:

- the internal quality assurance system in education (ISO, ISMK);
- the internal audit program of educational processes and outcomes;
- feedback from master's students, faculty, clinical base representatives, faculty leadership, and the Institute;
- regular updates of curricula, syllabi, and practical assignments in accordance with healthcare requirements;
- implementation of the PDCA (Plan–Do–Check–Act) cycle at all stages of program implementation;
- participation in international educational networks, internships, and pilot projects, including the digitalization of education and cross-border initiatives.

STANDARDIZATION AND DOCUMENTATION

The program's Mission is established:

- in instructional and methodological documentation (standards, curricula, course catalogs, regulations);
- in departmental protocols regarding the annual updating of content;
- in regulations regarding cooperation with clinical bases and training partners;
- in self-evaluation reports and development plans.

Thus, the mission of the Institute and the Master's program in Cardiology is not a mere formal declaration, but functions as an effective tool for planning, implementation, monitoring, and sustainable development of the educational program aimed at training competent, ethically mature, and in-demand specialists who meet the contemporary challenges of medicine and

society.

Andijan State Medical Institute has implemented a systematic and cyclical mechanism for reviewing the mission and objectives of the Master's educational program in the Specialty "Cardiology" 70910205, based on the principles of quality, scientific validity, social adaptability, and sustainable development.

The process of mission updating is based on interaction with key stakeholders and is conducted taking into account:

- changes in medical science and international clinical guidelines;
- priorities of state policy in the healthcare sector (Presidential Decrees, and strategies for the development of medicine and education through 2030);
- trends in the socio-economic development of the country and region (for example, increased cardiovascular morbidity, the necessity of telemedicine, and digitalization);
- changes in the needs of employers, graduates, and the professional community;
- monitoring of international standards and new requirements of WFME, ESG, WHO, ESMO, and ASCO.

THE MISSION REVIEW MECHANISM INCLUDES:

1. Analysis of feedback from faculty members, master's students, graduates, and clinical mentors (through surveys, focus groups, and expert panels);
2. Annual analysis of changes in the external environment—medical statistics, demographic indicators, epidemiological data, and new challenges (for example, COVID-19);
3. Discussion at department meetings, the methodological council, and the Institute Council, involving representatives of the Ministry of Health of the Republic of Uzbekistan and employers;
4. Comparative analysis of the missions and objectives of leading foreign universities implementing analogous programs (benchmarking);
5. Preparation of recommendations for mission updates, including protocol documentation and approval of amendments by the Institute Council.

EXAMPLES OF ACTUAL REVISION:

- In 2021, the mission was updated to include the principles of evidence-based medicine and a clinical-scientific integrated approach.
- In 2023, priorities reflecting the advancement of genetics in cardiology and interventional cardiology were introduced.
- In 2024, provisions highlighting the necessity of interdisciplinarity, ethics, and a

strictly patient-centered approach were incorporated.

PRINCIPLES OF REVIEW:

- Regularity (once every three years or as required);
- Openness to proposals from stakeholders;
- Transparency of procedures with mandatory publication of updates;
- Flexibility and adaptability to international and national developments;
- Scientific and ethical justification.

Thus, the Institute ensures the dynamism and relevance of its mission, transforming it into a living instrument of strategic management, educational transformation, and alignment with the expectations of society, the state, and the professional community.

The Andijan State Medical Institute, in formulating and regularly updating the mission of the Master's program in the Specialty "Cardiology" 70910205, actively engages a broad range of internal and external stakeholders, recognizing their key role in ensuring the social significance, academic relevance, and practical orientation of the program.

The mission of the program results from an inclusive and consensus-driven process designed to ensure alignment with the strategic priorities of the Institute, the needs of the healthcare system, professional standards, and societal expectations.

PARTICIPANTS IN THE FORMULATION OF THE MISSION:

1. The academic staff of the Department of Faculty Therapy – through departmental meetings, methodological councils, and participation in strategic sessions;
2. Master's students – through satisfaction surveys, meetings with the dean's office, participation in student councils and roundtables;
3. Graduates – provide feedback through the Career Development Center and the Alumni Office platform, and participate in online surveys;
4. Employers – cardiology dispensaries, palliative care centers, specialized clinics, members of final commissions.
5. Representatives of the Ministry of Health and sectoral administrations participate in the meetings of the educational and methodological commissions.
6. International experts and partner universities provide expert support through joint projects, visits, and educational agreements.
7. Professional associations (Association of Cardiologists of Uzbekistan, regional cardiology societies) submit expert proposals.
8. Public organizations, particularly those engaged in the prevention of cardiovascular diseases and the protection of patient rights.

MECHANISMS OF ENGAGEMENT:

- Focus groups and surveys (both online and in-person);
- Minutes of meetings with stakeholders;
- Consultations with experts and clinical mentors;
- Pilot implementation of select provisions of the mission, followed by feedback;
- Publication of mission drafts on the website with opportunities for commentary;
- Stakeholder involvement in the development of the program's strategic growth plan.

ADVANTAGES OF THIS APPROACH:

- Increasing the transparency and accountability of the Institute;
- Ensuring that the Mission corresponds to the actual demands and expectations of the healthcare system;
- Enhancing the practical value and clinical relevance of the educational program;
- Supporting the social mission of the Institute – serving society and improving the nation's health.

Thus, the mission of the Master's program in Cardiology at ASMI not only reflects strategic goals and values but is also shaped from the bottom up through active dialogue with those who directly influence the physician training system, as well as its recipients and partners.