



**DEVELOPMENT PROGRAM
OF
Shupyk National Healthcare University
of Ukraine for 2023-2027
of candidate for the position of Rector
Academician of the National Academy
of Medical Sciences of Ukraine, Doctor of Medical
Sciences, Professor
Viacheslav KAMINSKYI**

He was born on March 14, 1963 in the village of Yaryshiv, Mohyliv-Podilskyi district, Vinnytsia region.

Candidate of Medical Sciences (1992), Doctor of Medical Sciences (1999), Professor (2003); Corresponding Member of the National Academy of Medical Sciences of Ukraine in the specialty of Obstetrics and Gynecology (2010); Academician of the National Academy of Medical Sciences of Ukraine (2021).

Head of the Department of Obstetrics, Gynecology and Reproduction of the National Medical Academy of Postgraduate Education named after P. L. Shupyk (since 2005 till present). Director of the Kyiv City Center for Reproductive and Perinatal Medicine (from 2007 to 2022). Chief external specialist of the Ministry of Health of Ukraine in obstetrics and gynecology (from 2005 to 2018).

Honored Doctor of Ukraine (2006);

He is a member of the specialized Academic Council of NMAPE named after P.L. Shupyk, SI "IPOG" of the Academy of Medical Sciences of Ukraine for the defense of candidate and doctoral dissertations in the specialty "Obstetrics, Gynecology, Anesthesiology", is a member of the Presidium of the Association of Obstetricians and Gynecologists of Ukraine, a consultant of the Ministry of Health of Ukraine.

The main areas of activity: issues of antenatal fetal protection, early diagnosis, prevention and treatment of diseases of pregnant women, newborns and women of different ages, development of clinical protocols and recommendations. Widely introduces methods of prenatal diagnosis, assisted reproductive technologies, modern surgical techniques. Contributes to the further development of the family planning system in Ukraine, implements the state approach to infertility treatment.

Particularly cares for women with dangerous infections (HIV/AIDS, viral hepatitis, ARVI, influenza, measles, chickenpox, etc.), patients who use psychotropic and narcotic substances, as well as socially unprotected women, women with difficult life circumstances. He was directly involved in providing assistance to women during the influenza A/H1N1 California epidemic, at that time he headed a clinic that was a base clinic in the fight against the disease for pregnant women at different gestational periods. The obtained clinical data

became the basis for the developed and implementation of the effective algorithm for the care, diagnosis and treatment of influenza A/H1N1 California, which has been successfully and effectively used in all medical institutions of the country until now.

For the first time in the country, he developed and implemented a "WINDOW OF LIFE", which has been operating since 2018.

Shupyk National Healthcare University of Ukraine (hereinafter referred to as the Shupyk NHU of Ukraine or the University) is a leading institution of postgraduate medical education, a modern scientific and medical center established more than 100 years ago.

Today, Shupyk NHU of Ukraine carries out educational activities in the field of higher education at the second (master's), third (educational-scientific) and scientific levels of higher education and in the field of postgraduate education for persons with higher education, providing training, retraining and advanced training of personnel in the field of health care, training of scientific and scientific-pedagogical personnel.

Since 2001, NMAPE named after P.L. Shupyk (now Shupyk NHU of Ukraine) has been the first higher medical educational institution in Ukraine to become a collective member of the International Personnel Academy (UNESCO). In 2006, the University was listed in the registers of four U.S. organizations: the Standard Industrial Classification system (SIC), the Data Universal Numbering System (DUNS), the Employer Identification Number system (EIN), the NATO Coded System (NATO CAGE), and the Central Contractor Registration system (CCR). This provides the University with opportunities to act as a recipient of grants from the U.S. Congress and the U.S. National Institutes of Health. Since 2008, the Shupyk National Medical Academy of Postgraduate Education has been a collective member of the European Academy of Natural Sciences. Since 2017 - Member of the Magna Charta Universitatum.

The election program is built taking into account the following documents:

- Resolution of the UN General Assembly "Transforming our world: the 2030 Agenda for Sustainable Development" (25.09.2015), which announces a new action plan aimed at putting the world on the trajectory of sustainable and resilient development.
- Strategy for the Development of Higher Education in Ukraine for 2021-2031
- Strategy for the Development of Medical Education in Ukraine (Order No. 95-p of the Cabinet of Ministers of Ukraine dated February 27, 2019)

- Strategy and Development Program of Shupyk National Healthcare University of Ukraine.
- The draft Plan for the Recovery and Modernization of Ukraine, developed by the National Council for the Recovery of Ukraine from the Consequences of the War, which was established in accordance with Presidential Decree No. 266/2022 of April 21, 2022

PROGRAMME STRUCTURE

- I. The main problems, challenges and risks of the development of Shupyk NHU of Ukraine**
- II. The goal, strategic directions and main tasks of the development of Shupyk NHU of Ukraine**
 - the goal of the programme
 - strategic directions of the development
 - main tasks of the development
- III. Tools for the implementation of the Programme**
- IV. Expected results**
- V. Monitoring of the implementation and assessing the effectiveness of the Program implementation**

I. I. The main problems, challenges and risks of the development of Shupyk NHU of Ukraine

- 1.1. Insufficient funding and equipment to ensure quality medical education and research.
- 1.2. Lack of modern teaching methods and scientific research.
- 1.3. Lack of qualified personnel and highly qualified scientific-pedagogical personnel and researchers.
- 1.4. Decline in the quality of teaching and research caused by martial law and post-covid influence.
- 1.5. Competition with other universities and global changes in the educational sphere.

II. The goal, strategic directions, and main tasks of the development of Shupyk NHU of Ukraine

2.1. The goal of the programme: Creation of a powerful, system-forming, self-sufficient, competitive at the national and international levels, institution of higher education *with an emphasis on postgraduate training and continuous professional development of doctors, pharmacists, and other health care workers.*

2.2. Strategic directions of the development:

1. Reforming the University's management system in accordance with the requirements of the time and conditions of integration into the European and world scientific and educational space.
2. Implementation of an effective and transparent management system.
3. Ensuring high-quality educational and scientific activities in providing personnel of the health care system of Ukraine.
4. Creation of an attractive and competitive institution of higher and postgraduate education.
5. Increasing the amount of funding, developing the University's human resources and infrastructure.
6. Internationalization of the scientific and educational process.
7. Integration of the University into the practical sphere of health care of Ukraine and the world.
8. *To become a monitoring-analytical and scientific-methodical center for the Ministry of Healthcare.*
9. *Ensure the preparation of information and analytical materials and the development of draft program, regulatory and methodological documents on the following issues.*
10. *Become an analytical support for the Ministry and the National Health Service in considering the quality of medical care.*
11. *Unify and restart the development of university hospitals in Ukraine as bases for practical training of doctors at the level of higher education and at the stages of postgraduate training, with an emphasis on involving the institutes of the National Academy of Medical Sciences of Ukraine.*
12. *Introduce medical residency as a form of postgraduate specialized training of doctors adopted in the EU countries.*
13. Implement **Digitalization**, namely the creation of an **E-University**, integrate electronic systems of **Document Management, Personnel, Salary and Accounting**.

- ***In order to realize all the goals set, we have developed and integrated a cluster innovation system of the Shupyk NHU, which aims to ensure flagship positions in Medical Education, Science, Clinical Practice and Professional Analytical Activity*** in the field of health care and flexible organization of interaction between departments and external stakeholders, specialized institutions within the framework of chains of common values.
- *A lot has been done in these areas:*

- Gradually, **Shupyk NHU** appears as an organic element of the system, which ensures effective interaction with professional

associations in particular and the Ministry of Healthcare of Ukraine in general.

- At the same time, new areas of *non-medical education* are developing: *Psychology, Social Work*.
- *Public Management and Administration* were developed.
- All relevant licensing files have been prepared.
- The Continuous Professional Development (CPD) Model and interaction with professional associations are being modernized, namely: *the procedure for approval and registration of the institution, registration of trainees is simplified; introduction of a one-click payment system; significantly simplified reporting*.
- All this contributes to the intensification of the participation of departments in the organization and conduct of relevant events.
- In the perspective direction of the implementation of the **Residency** Institute, the relevant Regulation was developed, and a package of documents was submitted to the Ministry of Health, as well as a draft order was prepared for the implementation of the *pilot project "Medical Residency"* at the University.
- This is very important and requires active work with all stakeholders, including the profile committee of the Verkhovna Rada.
 - Separately by clusters, the reorganization started looks like this:

✓ **Educational cluster**

- reorganization of the model of participation in the **CPD**, improvement of the effectiveness of **postgraduate education**;
- development of **undergraduate** education and **pre-higher** education;
- the development of *the New Financing Model, the Department Model and the Model of Educational Programs*, as well as new approaches to accreditation, were required.

✓ **The Standardization and Quality Assurance cluster** includes:

- Analytics
- Development of standards – including professional standards
- Calculation, forecast
- Technical regulation of the industry

✓ **Clinical cluster**

A number of Memoranda were signed: with NAMSU, SI "State Expert Center of the Ministry of Health of Ukraine", the Department of Social Policy of the executive body of the KCSA, etc.

Regarding the University Clinic, it was possible to restore Agreements on joint activities with one of the largest clinical bases: *more than 85 agreements with health care institutions per 10 thousand square meters.*

The main thing is that the project of functioning of a ***multidisciplinary and powerful university clinic is being worked out***, which is focused on:

- Application of the experience of the teaching staff;
- Practical training of highly qualified specialists;
- Patient-centeredness;
- Algorithmizing of patient routes during training, etc.

✓ ***International cluster.***

1) Includes partnership with foreign Universities on technical assistance, joint training programs to identify the urgent needs of Ukraine caused by the war;

2) Updating a number of memorandums of cooperation;

3) Strengthening of material support under various international assistance programs.

4) Initiation of cooperation in new areas of interaction in the social sphere, deepening the system of language training of teachers;

5) A Memorandum of Cooperation and Partnership was signed with the MedGlobal Charitable Medical Organization (MedGlobal).

Within the framework of the agreements, it is envisaged to implement the main tasks:

- training of medical trainers under MedGlobal programs;
- obtaining certification from the American Heart Association;
- assistance to the University in access to medicines, medical equipment and facilities, involvement in grant and donor support for the digitalization of training courses

6) Partners of Shupyk NHU of Ukraine are foreign medical institutions of higher, postgraduate education and science, in particular:

- Karolinska Institute (Kingdom of Sweden)
- Queen's University Belfast (UK)
- Royal College of Pathologists (UK)
- New England Institute for Immunological Research (USA)
- Deggendorf Institute of Technology (Federal Republic of Germany)
- Warsaw Medical University (Republic of Poland)
- Abromiškės Rehabilitation Hospital and Centre for Rehabilitation, Physical and Sports Medicine of Santarisku Hospital of Vilnius University (Republic of Lithuania)

- Riga Eastern University Hospital as a Clinical Base of Paul Stradiņš University of Riga (Republic of Latvia)

7) During the visit to Ukraine, Heidi Alasepp, Under-Secretary-General for Health of the Ministry of Social Affairs of Estonia, and Lauri Luhta, Head of the Eastern Partnership Area of the Estonian Center for International Development, cooperation and interaction between the Shupyk National Healthcare University of Ukraine, NTUU "KPI", state and municipal authorities and public organizations were discussed.

The main directions of the activity:

- ❖ improving the provision of medical care to victims during the war;
- ❖ reorganization of interaction in the field of traumatology and orthopedics;
- ❖ development and implementation of a multidisciplinary team model for the treatment and rehabilitation of the wounded.

✓ **"System Organization and Management in Health Care" cluster** includes:

- Information and analytical materials
- Regulatory framework
- National Health Strategy
- Quality analysis

✓ **Scientific and innovative clusters** include:

- Science
- Scientific and innovative research
- Technology transfer
- Analysis

✓ **Expert-analytical cluster**

Modernizes the organization of educational and educational-scientific processes, provides a flexible organization of interaction between departments and external stakeholders, specialized institutions within the framework of common value chains.

Acts as an integrator of interaction and ensures the reproduction and actualization of the *"live" intelligence of the NHU*.

The basic condition for the implementation of the expert-analytical cluster will ***be the creation*** of the E-University (digitalization of the processes).

E-University will enable to:

- *create a secure digital environment;*
- *provide the necessary digital infrastructure;*
- *increase the level of digital competence;*

- *digital transformation of processes and services;*
 - *automate the collection and analysis of the University data , etc.*
- E-University*** as a system-forming factor.

III. Tools for the implementation of the Programme

- 3.1. Search for additional sources of funding through grants, sponsorship and development of alma mater.
- 3.2. Creation of working groups and committees for the development of new teaching methods and research projects.
- 3.3. Modernization of the structure, content and organization of education on the basis of a competent approach. Further development of trainings and courses for advanced training of scientific and pedagogical personnel and scientists. Development and implementation of a comprehensive program to improve the level of English proficiency by teachers, providing sufficient resources for learning English. Introducing a program of study and internship at foreign universities and medical institutions, ensuring participation in international conferences for teachers and graduate students.
- 3.4. Ensuring that the competence of graduates meets the needs of employers. Development and implementation of an Objective Structured Clinical Examination (OSCE). Development of a system for assessing the quality of training and research using modern tools.
- 3.5. Study of international experience in qualitative selection of students for medical specialties, including requirements for the level of training, assessment of ability and aptitude for professional activity in the field of health care. Signing of memorandums and agreements with other European universities and research centers for joint projects and exchanges.
- 3.6. Construction of the university clinic. Creation of conditions for internships for students on the basis of the university clinic and other health care institutions; priority development of university clinics as an effective form of combining medical education and science, introduction of innovative medical developments and practical training of students and trainees.

IV. Expected results.

- 4.1. Improvement of the education level and achievements of students, trainees and scientists.
- 4.2. Increase in the amount of funding and development of the university infrastructure.
- 4.3. Strengthening positions in university rankings and increasing the number of international students, trainees and researchers.
- 4.4. Increasing the innovative development and competitiveness of the University in the market of educational medical services.

V. Monitoring of the implementation and assessing the effectiveness of the Program implementation

- 5.1. Establishment of a monitoring and evaluation committee for the development of the program.
- 5.2. Regular reports and analysis of progress in achieving the goals and objectives.
- 5.3. Correction of the program based on the results of monitoring and feedback from participants in the educational process.
- 5.4. Public presentation of results and reporting to the public and stakeholders.

Shupyk National Healthcare University of Ukraine is an institution with a powerful potential, which unites Virtuosi of the scientific and practical medical field! This program of development of Shupyk NHU of Ukraine aims to create a modern educational environment, improve the quality of education and scientific achievements, ensure financial stability and competitiveness in the global medical educational space. The realization of this program will help turn Shupyk National Healthcare University of Ukraine into the leading medical university in Ukraine and abroad.