



e-Health - Digital transformation of the Health System of the Republic of Belarus

International scientific and practical conference

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RELEVANCE. Digital transformation plays key role in increasing the effectiveness of the healthcare system in all developed countries. Automation of internal business processes in healthcare institutions, centralization of medical information related to patients and provision of due access to it, remote consulting and automatic processing of experimental research data results, on-line system of advanced training of medical professionals, supporting decision making on various branches provide essential cost reduction and improvement of medical care quality.

The greatest effect can be achieved by the establishment of a National e-Health System. Issues related to national e-health programs are prioritized by international organizations (World Economic Forum, Organization for Economic Cooperation and Development, European Commission, etc.).

The Republic of Belarus has taken a number of significant steps to enable transition to e-Health, namely, introduced local information systems in medical institutions, created a number of specialized medical registers and databases, and continues implementation of the electronic prescription service.

Current task is to assemble the existing fragments of e-health structure into a unified National system based on international standards, and to create appropriate conditions to improve international cooperation between the Republic of Belarus and foreign partners.

CONFERENCE MAIN OBJECTIVES:

- assessment of current situation and progress of digital transformation of Belarus healthcare system;
- analysis of world experience referring to the digital transformation of the healthcare system;
- discussion on the strategy for the establishment of an effective national e-health system in the Republic of Belarus.

ISSUES FOR DISCUSSION:

- Legal and regulatory base for e-health system implementation;
- International standards for presentation and exchange of medical information;
- Architectural solutions for national e-health systems;

- Transition to paperless interactions based on a legally relevant electronic documents;
- Ensuring access to a world flow of medical information for all employee categories of a health care system;
- Transition to electronic versions of publications of Belarusian medical professionals researches results and its inclusion in world information space;
- Teleradiology and the national archive of digital diagnostic tests;
- Decision support systems referring to various types of diseases;
- Development of educational content and advanced training of health workers, including on-line training systems;
- Mobile electronic healthcare (access to electronic medical records, appointment notes, electronic prescriptions, remote diagnostics, connection of medical and custom monitors and fitness bracelets);
- Mobile solution for appointments and home care;
- Information systems for first aid;
- Automated workplaces for high-tech diagnostics;
- Control over effectiveness of healthy lifestyle, prevention of chronic diseases development, reduction of cardiovascular diseases, diabetes, cancer, etc.;
- Information and analytical support for decision makers concerning health care system management.

REPRESENTATIVES INVITED TO PARTICIPATE:

- Regulators: Ministry of Health, Operational and Analytical Center under the Aegis of the President of Belarus, Ministry of Communications and Informatization, State Committee for Standardization.
- Medical and health facilities of the Ministry of Health and other ministries and departments.
- Medical research and development organizations, medical educational institutions.
- Manufacturers and suppliers of medical equipment and pharmaceutical products.
- Pharmacy networks.
- Developers and suppliers of IT solutions and integration platforms.
- Foreign experts and representatives of international organizations.
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ORGANIZERS: Ministry of Health of the Republic of Belarus, Republican scientific and Practical Center for Medical Technologies, Informatization, Administration and Management of Health, NGO Information Society, Technics and Communications JSC, Digital Business Confederation