FORMULATION OF REQUIREMENTS
FOR MEDICAL INFORMATION SYSTEMS
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The development of medical information systems should serve the main goal - the creation of working mechanisms for interaction between medical institutions throughout the country. In turn, this should ensure the high-quality development of the healthcare system, deep digital transformation and, as a result, the introduction of electronic services and services into widespread use by citizens in the processes of receiving medical care. Medical information systems are used to automate the processes of providing patients with medical care, its accounting, as well as information support for medical specialists in terms of providing them with information about patients, the care provided to them, as well as information about the activities of the medical institution as a whole through the collection, consolidation, analysis and storage of information.

The information system of a medical organization should provide:

− maintenance of patients' medical records in electronic form;

− possibility of using telemedicine technologies when providing medical care to a patient;

− possibility of organizing an electronic registry (monitoring and managing patient flows, creating a schedule for specialist appointments, recording and planning the availability of specialists, etc.);

− possibility of conducting medical examinations, preventive medical examinations (organization of disease prevention with keeping records of citizens who have undergone preventive measures and those who need to undergo these measures, as well as automation of process control);

− organization of patient vaccination (organization of prevention of infectious diseases through maintaining and recording data on vaccinations, medical examinations and post-vaccination complications);

− information support for making management decisions within a medical institution. In this context, the requirement for the MIS to control and analyze includes the ability to generate automated reporting of the institution, analytical reference information, invoices for medical care provided to the patient, automation of inventory accounting and the use of drugs and medical devices and the formation of reporting forms for them.

With this formulation of the requirements for the functionality of the MIS, they are very general in nature. These requirements are aimed at information support for business processes of medical organizations without detailed regulation of the implementation of a particular function and the depth of its development in the system. Thus, developers of information systems for medical institutions receive more freedom in matters of practical implementation of the functionality and capabilities of the MIS.