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STRATEGIC PRINCIPLES FOR MANAGING THE DIGITAL TRANSFORMATION OF HEALTHCARE SYSTEMS

This article analyses the strategic principles of managing the digital transformation of healthcare systems. The key areas of digital transformation in healthcare are identified.

In the realm of data management, it is crucial to develop comprehensive interoperability indicators that encompass technical and semantic aspects, as well as policies regarding information access and protection. Technological readiness necessitates the development of metrics to evaluate information system architecture and adaptability to change, while the human factor requires a deeper comparative analysis of governance models, funding mechanisms, digital literacy levels, and trust in digital tools. Thus, integrating the conceptual model of the digital health ecosystem with empirical assessments of digital readiness provides a comprehensive understanding of the conditions and factors driving effective digital transformation in the sector; this lays the groundwork for formulating evidence-based management decisions and adapting international best practices to the national context.

A comparative analysis is carried out of healthcare digital transformation strategies and their funding sources in leading countries worldwide (the USA, Canada, the UK, Germany, Australia, Denmark, Estonia, Norway, France and Ukraine). A comprehensive analysis of the digital transformation of healthcare was carried out based on four key parameters: country, strategic document and its implementation period, strategic objectives, and sources of funding. Significant differences and similarities in the models of financial support for the implementation of these strategies were identified. A structure for an integrated digital healthcare ecosystem within the public administration system, broken down by components (analytics and data utilisation, integrated healthcare data, reliable technologies, human factors). This has made it possible to identify the interrelated levels of its functioning, which collectively determine the system's degree of digital maturity. A comparative analysis of the digital readiness of healthcare systems in OECD countries has been carried out.

Keywords: strategic management, digital transformation, healthcare system, management model, funding mechanism.