DIGITAL TRANSFORMATION IN SAUDI PUBLIC HOSPITALS: ADMINISTRATIVE CHALLENGES AND OPPORTUNITIES UNDER VISION 2030

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Abstract - Saudi Arabia's public healthcare sector is witnessing major reforms under Vision 2030, with a strong emphasis on digital transformation and administrative innovation. This study investigates the role of digital health initiatives in improving the management and delivery of services in government hospitals across the Kingdom. Key projects include the widespread implementation of electronic health records (EHRs), expansion of the Sehhaty platform, and the introduction of AI-enabled decision support tools to optimize resource allocation and patient care. The paper highlights how these tools have enhanced operational efficiency, reduced waiting times, and strengthened integration between primary, secondary, and tertiary care facilities. However, the transition also presents challenges, particularly in staff training, change management, and ensuring interoperability across different hospital systems. By analyzing policy documents and recent case studies from Saudi Ministry of Health initiatives, the research outlines best practices and future strategies to strengthen hospital administration. The findings provide valuable insights for policymakers and healthcare leaders in building resilient, patient-centered, and digitally empowered public hospital systems.

Keywords - Saudi Arabia, Vision 2030, Public Hospitals, Healthcare Management, Digital Health, Hospital Administration