



Adoption and Performance Assessment of Diabetes Risk Apps by Healthcare Providers in Nairobi, Kenya 2004

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Abstract

This study examines the adoption rates of diabetes risk assessment apps by healthcare providers in Nairobi, Kenya, with a focus on understanding their performance outcomes. A mixed-methods approach was employed, including surveys of healthcare providers and qualitative interviews with selected participants. Data were analysed using descriptive statistics and thematic analysis. Surveys revealed that 75% of healthcare providers had adopted at least one diabetes risk assessment app, while 60% reported positive performance outcomes in terms of improved patient engagement and risk identification. The findings suggest a moderate level of adoption among healthcare providers, with significant benefits observed in enhancing patient care through the use of these apps. Further research should explore the long-term efficacy and sustainability of diabetes risk assessment apps within the Nairobi healthcare system. diabetes risk assessment apps, healthcare providers, Nairobi, Kenya Treatment effect was estimated with $\text{text}\{ \text{logit} \}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Geography, Diabetes Risk Assessment, Healthcare Providers, Mixed-Methods Approach, Mobile Applications, Technology Adoption, Performance Evaluation

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