



Digital Health Interventions for Timely Diagnostics in Rural Zimbabwe: Training Curricula and Impact Evaluation Framework

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Abstract

Digital health interventions have shown promise in improving diagnostics and patient outcomes in rural settings. A systematic search of literature databases including PubMed and Google Scholar was conducted to identify relevant studies. Studies published between and were included if they discussed training programmes or evaluated the effectiveness of digital health interventions for rural healthcare in Zimbabwe. The review identified a total of 45 articles, focusing on various aspects such as telemedicine, mobile health apps, and electronic health records. A key theme was the need for standardised training curricula to ensure consistent skill development among practitioners. Training programmes are essential for digital health professionals in rural Zimbabwe, but there is a lack of comprehensive evaluation frameworks that consider both effectiveness and impact on patient outcomes. Developing robust, evidence-based training curricula and establishing standardised impact assessment methods are recommended to enhance the efficacy of digital health interventions. The empirical specification follows $Y = \beta_{0+\beta}^{-} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, digital health, e-health, diagnostic training, rural healthcare, impact evaluation, telemedicine*

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