



Training Programmes for Diabetic Management Among Rural Nigerian Villages: A Post-Baseline Follow-Up Assessment

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Abstract

The prevalence of diabetes is increasing in rural Nigerian villages, necessitating effective management strategies to improve health outcomes and reduce complications. A mixed-methods approach was employed, including pre- and post-training surveys, focus group discussions, and a follow-up assessment conducted six months after initial training. Data were analysed using descriptive statistics and thematic analysis to identify themes and patterns of improvement or challenges faced by CHWs. Analysis revealed that 78% of CHWs reported improved confidence in managing diabetic patients compared to baseline levels (95% CI: 62-94%). Training programmes for CHWs have significantly enhanced their ability to manage diabetes, with notable improvements in patient management confidence. Continued training and support are recommended to maintain these positive outcomes and address emerging challenges. Treatment effect was estimated with $\text{text}\{logit\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Geography, Community Health Worker, Diabetes Management, Mixed-Methods Evaluation, Rural Healthcare, Theory of Planned Behaviour, Outcome Assessment

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