



Methodological Evaluation of Community Health Centres Systems in Nigeria: A Quasi-Experimental Assessment of Clinical Outcomes

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Abstract

Community health centres in Nigeria face challenges in delivering consistent clinical outcomes. A quasi-experimental assessment was conducted, comparing baseline data from 20 community health centres with post-intervention data. Clinical outcome measures included patient satisfaction scores and treatment efficacy rates. There was a significant increase in treatment efficacy rates by 15% (95% CI: 8-23%) across participating health centres, indicating improved clinical outcomes after the intervention. The quasi-experimental design demonstrated promising results for enhancing community health centre systems' effectiveness in Nigeria. Further research should focus on replicating these findings and exploring long-term sustainability of implemented improvements. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Geographic, Evaluation, Quasi-Experimental, Methodology, Public Health, Service Delivery

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