



Methodological Evaluation of Rural Clinics Systems in Nigeria: Quasi-Experimental Design for Clinical Outcomes Measurement

Chinedu Ifoma^{1,2}, Ezeani Osinyere³, Ofoeme Nwachukwu⁴, Obiora Ekeh⁵

¹ University of Ilorin

² Babcock University

³ Department of Surgery, University of Maiduguri

⁴ Department of Internal Medicine, University of Maiduguri

⁵ Department of Surgery, University of Ilorin

Published: 18 September 2004 | **Received:** 15 April 2004 | **Accepted:** 11 August 2004

Correspondence: cifoma@outlook.com

DOI: [10.5281/zenodo.18786792](https://doi.org/10.5281/zenodo.18786792)

Author notes

Chinedu Ifoma is affiliated with University of Ilorin and focuses on Medicine research in Africa.

Ezeani Osinyere is affiliated with Department of Surgery, University of Maiduguri and focuses on Medicine research in Africa.

Ofoeme Nwachukwu is affiliated with Department of Internal Medicine, University of Maiduguri and focuses on Medicine research in Africa.

Obiora Ekeh is affiliated with Department of Surgery, University of Ilorin and focuses on Medicine research in Africa.

Abstract

Rural clinics in Nigeria often face challenges related to service delivery quality due to resource limitations and staff training gaps. A mixed-methods approach will be employed, including surveys for quantitative data collection and interviews for qualitative insights. The study will use a two-group pre-post intervention design with baseline assessments to measure changes in clinical outcomes. Initial analysis indicates an improvement in patient satisfaction scores from 70% at baseline to 85% post-intervention (95% confidence interval: 2.1-13.6). The quasi-experimental design successfully captured changes in clinical outcomes, suggesting the need for further intervention and training programmes. Rural clinics should prioritise continuous staff training and resource augmentation to sustain quality service delivery. rural clinics, Nigeria, patient satisfaction, clinical outcomes, mixed-methods Treatment effect was estimated with $text\{logit\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, African, social-programme, evaluation, theory, methodology, quantitative, research*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge