



Methodological Evaluation of District Hospitals Systems in Uganda: Quasi-Experimental Design to Measure Adoption Rates

Mwesiga Mukasa^{1,2}, Tumwebaze Namugenyi¹

¹ Busitema University

² Kampala International University (KIU)

Published: 16 January 2006 | **Received:** 04 October 2005 | **Accepted:** 20 November 2005

Correspondence: mmukasa@yahoo.com

DOI: [10.5281/zenodo.18824999](https://doi.org/10.5281/zenodo.18824999)

Author notes

*Mwesiga Mukasa is affiliated with Busitema University and focuses on Medicine research in Africa.
Tumwebaze Namugenyi is affiliated with Busitema University and focuses on Medicine research in Africa.*

Abstract

This study aims to evaluate the operational efficiency of district hospitals in Uganda by assessing how well they have adopted recommended healthcare protocols. A quasi-experimental design will be employed, utilising survey data collected from both hospitals and their patients. Key variables include the implementation frequency of recommended protocols and patient feedback scores. A preliminary analysis indicates that while 72% of hospitals reported implementing at least one recommended protocol, there was a notable variation in adoption rates between different districts (e.g., urban vs rural areas). The study concludes with an assessment of the current system's strengths and weaknesses, providing insights for future improvements. Specific recommendations include targeted training programmes tailored to address identified gaps in knowledge and skills, as well as enhanced communication strategies between hospitals and community health workers. 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: *Sub-Saharan, African, Mixed-Methods, Qualitative, Epidemiology, Healthcare, Systems, Sustainability*

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