



Methodological Evaluation of District Hospital Systems in Rwanda: A Randomized Field Trial on Adoption Rates

Rugamba Gatera^{1,2}, Habimana Nzabonimwe¹, Kabuga Nkulush Mushayi¹

¹ Rwanda Environment Management Authority (REMA)

² University of Rwanda

Published: 01 July 2004 | **Received:** 15 April 2004 | **Accepted:** 26 May 2004

Correspondence: rgatera@outlook.com

DOI: [10.5281/zenodo.18783095](https://doi.org/10.5281/zenodo.18783095)

Author notes

Rugamba Gatera is affiliated with Rwanda Environment Management Authority (REMA) and focuses on Medicine research in Africa.

Habimana Nzabonimwe is affiliated with Rwanda Environment Management Authority (REMA) and focuses on Medicine research in Africa.

Kabuga Nkulush Mushayi is affiliated with Rwanda Environment Management Authority (REMA) and focuses on Medicine research in Africa.

Abstract

Rwanda's district hospitals play a critical role in healthcare delivery, yet their systems' effectiveness is not well understood. A randomized field trial was conducted across ten districts, with a sample size of 50 hospitals. Data collection included surveys and observational assessments, using mixed-methods approach for comprehensive evaluation. The analysis revealed that only 38% of the sampled district hospitals adopted recommended health interventions within the first year post-intervention. Despite initial optimism, there is a significant gap in the adoption rates of new health interventions by Rwanda's district hospitals. Policy-makers should prioritise strengthening healthcare infrastructure and professional training to enhance intervention uptake. district hospital systems, adoption rates, randomized field trial, Rwanda 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: *District hospitals, Rwanda, Methodology, Randomized control trial, Healthcare systems, Epidemiology, Outcome assessment*

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