



# Methodological Evaluation of Senegalese District Hospitals Systems: A Randomized Field Trial Focus on Clinical Outcomes

Oumar Diop<sup>1</sup>

<sup>1</sup> Institut Pasteur de Dakar

**Published:** 24 January 2006 | **Received:** 29 October 2005 | **Accepted:** 04 January 2006

**Correspondence:** [odiop@aol.com](mailto:odiop@aol.com)

**DOI:** [10.5281/zenodo.18823178](https://doi.org/10.5281/zenodo.18823178)

## Author notes

*Oumar Diop is affiliated with Institut Pasteur de Dakar and focuses on Medicine research in Africa.*

## Abstract

This study aims to evaluate the clinical outcomes of Senegalese district hospitals in terms of patient care and service delivery. A mixed-methods approach combining quantitative data analysis and qualitative interviews was employed. The study used a randomization process to divide the sample into intervention and control groups. The findings indicate that there is an improvement in clinical outcomes for patients in the intervention group compared to the control group, with a statistically significant difference of  $p < 0.05$ . This study suggests that adopting randomized field trials can effectively enhance clinical performance and patient care in district hospitals. The findings should inform policy decisions aimed at improving healthcare delivery systems in Senegalese district hospitals. clinical outcomes, district hospitals, randomized trial, Senegal 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:** *Geographic, Sub-Saharan, Methodology, Comparative, Intervention, Outcomes, Service Delivery*

## 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](mailto: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](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge