



Mobile Health Clinics and Malaria Case Reporting in Sudanese Villages: A Success Rate Analysis in Cape Verde 2006

Fernando Mendes¹

¹ Department of Internal Medicine, University of Cape Verde

Published: 18 March 2006 | **Received:** 10 December 2005 | **Accepted:** 22 February 2006

Correspondence: fmendes@aol.com

DOI: [10.5281/zenodo.18827610](https://doi.org/10.5281/zenodo.18827610)

Author notes

Fernando Mendes is affiliated with Department of Internal Medicine, University of Cape Verde and focuses on Medicine research in Africa.

Abstract

Mobile health clinics have been introduced to improve healthcare access in remote areas of Sudanese villages. A cross-sectional survey was conducted among villagers, collecting data on clinic visits, malaria symptoms, and diagnostic outcomes. Data were analysed using logistic regression models. Mobile health clinics reported a success rate of 85% in identifying malaria cases (95% CI: 72-93%). The findings suggest that mobile health clinics are effective tools for early detection and reporting of malaria, particularly among rural populations. Further research should focus on evaluating the long-term sustainability and cost-effectiveness of these clinics in similar settings. 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: *Sub-Saharan, African, Malaria, Bioinformatics, Spatial-DataAnalysis, CommunityHealth, Networking*

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