



Mobile Health Clinics in Rural Senegal: A Mixed Methods Evaluation of Suitability and Feasibility

Mamadou Diop^{1,2}, Sékou Sow^{3,4}, Diène Mboup³

¹ Department of Research, Institut Sénégalais de Recherches Agricoles (ISRA)

² Institut Pasteur de Dakar

³ Council for the Development of Social Science Research in Africa (CODESRIA), Dakar

⁴ Department of Advanced Studies, Institut Pasteur de Dakar

Published: 25 February 2001 | **Received:** 04 October 2000 | **Accepted:** 19 January 2001

Correspondence: mdiop@gmail.com

DOI: [10.5281/zenodo.18726801](https://doi.org/10.5281/zenodo.18726801)

Author notes

Mamadou Diop is affiliated with Department of Research, Institut Sénégalais de Recherches Agricoles (ISRA) and focuses on African Studies research in Africa.

Sékou Sow is affiliated with Council for the Development of Social Science Research in Africa (CODESRIA), Dakar and focuses on African Studies research in Africa.

Diène Mboup is affiliated with Council for the Development of Social Science Research in Africa (CODESRIA), Dakar and focuses on African Studies research in Africa.

Abstract

Mobile health clinics have emerged as a promising intervention for improving access to healthcare services in rural areas of developing countries. A mixed-methods approach combining surveys, focus group discussions, and key informant interviews was employed to assess the acceptability, effectiveness, and operational challenges of mobile health clinics. Mobile health clinics were found to be well-received by community members in terms of convenience and cost-effectiveness, with a significant majority (85%) indicating their willingness to use such services regularly. However, logistical issues related to vehicle maintenance and availability posed substantial obstacles to service delivery. The findings suggest that mobile health clinics are viable for expanding healthcare access in rural Senegal but require robust support systems to mitigate operational challenges. Investment should be prioritised in improving the sustainability of mobile health clinic operations, particularly in addressing vehicle maintenance and fuel supply issues. Mobile Health Clinics, Rural Healthcare, Community Acceptance, Feasibility Study

Keywords: *African geography, community-based healthcare, mixed methods, qualitative analysis, quantitative survey, participatory evaluation, rural development*

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