



# Mobile Health Clinics in Rural Senegalese Communities: Utilization Patterns and Health Outcomes Analysis

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## Abstract

Mobile health clinics (MHCs) have emerged as a critical tool in addressing healthcare disparities in rural communities across Africa. In Senegal, MHCs offer accessible and equitable healthcare services to underserved populations. A mixed-methods approach was employed, combining quantitative survey data from MHC users with qualitative interviews to explore service utilization and patient satisfaction. MHCs in rural Senegalese communities were utilised by approximately 45% of the target population. Users reported significant improvements in accessing healthcare services and reduction in travel time for medical consultations. This study underscores the effectiveness of mobile health clinics as a scalable solution to improve health outcomes in remote areas, particularly among vulnerable populations. Future research should focus on expanding access to MHCs through partnerships with local governments and healthcare providers. Additionally, enhancing user engagement strategies could further increase service utilization. Mobile Health Clinics, Rural Senegal, Utilization Patterns, Health Outcomes

**Keywords:** *African geography, community health promotion, service utilization, mobile clinics, outcome analysis, rural development, participatory approaches*

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