



Mobile Health Camps among Migratory Herders in Northern Ghana: An Effectiveness and Acceptance Study

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Abstract

Migratory herders in northern Ghana's savannah regions face unique healthcare challenges due to their nomadic lifestyle and remote living conditions. A mixed-methods approach was employed, including quantitative surveys ($n = 150$) assessing satisfaction with camp services \wedge qualitative interviews ($n = 20$) exploring barriers \wedge facilitators. Data were analysed using descriptive statistics for quantitative data and thematic analysis for qualitative data. Mobile health camps significantly improved access to healthcare services among herders, with a 78% satisfaction rate reported in surveys. Qualitative findings highlighted the critical role of camp staff training and cultural sensitivity in enhancing acceptance. Mobile health camps have effectively addressed healthcare needs for migratory herders in northern Ghana's savannah regions, demonstrating high levels of service utilization and positive user experiences. Future initiatives should prioritise ongoing staff training and culturally tailored services to maintain high acceptance rates among mobile populations.

Keywords: *Nomadic, savannah, herd mobility, mobile health, outreach clinics, qualitative assessment, acceptability studies*

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