



Impact Assessment of Mobile Health Information Services on Maternal Outcomes among Low-Income Women Farmers in Eastern Uganda: A Three-Year Outcome Measure

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Abstract

Mobile health information services (MHIS) are increasingly being utilised to address maternal health outcomes in resource-limited settings. A mixed methods approach combining quantitative surveys and qualitative interviews was employed. Data collection occurred over a three-year period, with baseline data collected in and follow-up assessments conducted annually from to . Contrary to initial expectations, the proportion of women who received prenatal care increased by 45% after three years of MHIS intervention compared to pre-intervention levels (baseline). The findings suggest that MHIS can be an effective tool for improving maternal health outcomes in low-income populations. Future studies should explore the sustainability and scalability of these interventions, particularly in diverse rural settings.

Keywords: *African Geography, Mixed Methods, Quantitative Survey, Qualitative Research, Anthropology, Health Informatics, Community Engagement*

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