



Methodological Evaluation of Maternal Care Facilities in Rwanda: A Randomized Field Trial on Clinical Outcomes Assessment

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Abstract

Maternal care facilities in Rwanda are crucial for ensuring safe pregnancy outcomes, yet their effectiveness varies. This study aims to evaluate these facilities through a randomized field trial. A randomized field trial was conducted in two districts of Rwanda, with 100 participants randomly assigned to each facility. Key indicators included maternal health status post-delivery. The analysis revealed a significant difference ($p < 0.05$) in the success rate of deliveries between facilities A and B (82% vs. 69%). Facility A demonstrated superior clinical outcomes, warranting further investigation into its practices. Investigate why facility A outperforms B to inform policy changes aimed at improving maternal health care in Rwanda.

Keywords: Rwanda, Geographic Medicine, Maternal Health, Randomized Controlled Trial, Outcome Assessment, Quality Improvement, Public Health Systems

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