



## **Risk Reduction Strategies in District Hospitals: A Field Trial Evaluation in South Africa**

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### **Abstract**

District hospitals in South Africa face significant challenges in risk reduction strategies. A randomized controlled trial was conducted to assess the effectiveness of implemented interventions aimed at reducing healthcare risks in district hospital settings across South Africa. In the evaluated districts, a 25% decrease in patient readmission rates was observed within the first year post-intervention implementation. The randomized field trial demonstrated promising results in enhancing risk reduction strategies in district hospitals. Further research should be conducted to validate these findings and explore scalability of interventions across different regions in South Africa. Risk Reduction, District Hospitals, Healthcare Quality, Randomized Field Trial Treatment effect was estimated with  $\text{text}\{ \text{logit} \}(\pi) = \beta_0 + \beta_1 X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *African Geography, District Hospitals, Randomized Control Trial, Methodological Evaluation, Risk Reduction Strategies, Health Systems Strengthening, Community Engagement*

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