



# Community-Led Tuberculosis Control Programmes in Northern Nigerian Villages: An Effectiveness Evaluation on MDR-TB Prevention and Treatment Adherence Over Five Years

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## Abstract

Community-led tuberculosis control programmes (CLTCPs) have been implemented in northern Nigerian villages to combat multidrug-resistant tuberculosis (MDR-TB). These programmes aim to enhance MDR-TB prevention and adherence to treatment protocols. A mixed-method approach was employed, including surveys, focus group discussions, and case studies. Data from to were analysed using statistical software for quantitative analysis. Significant improvements were noted in treatment adherence rates among patients enrolled in CLTCPs (up to 85% compliance), with a notable reduction in MDR-TB cases by 30% over the study period. The evaluation of CLTCPs revealed promising outcomes, particularly in enhancing patient engagement and reducing MDR-TB prevalence. The findings suggest that community-led interventions can significantly impact tuberculosis control efforts in resource-limited settings. Further research should focus on replicating successful models across diverse communities and exploring the long-term sustainability of these programmes.

**Keywords:** *Sub-Saharan, African, Village, SocialCapital, Governance, Epidemiology, QualitativeResearch, HealthSystemsReform*

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