



Training Programmes for Chronic Disease Management Among Rural Senegalese Women Farmers: A Six-Month Follow-Up Study in Ghana

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Abstract

Rural Senegalese women farmers are at high risk for chronic diseases due to their unique social and economic circumstances. A mixed-methods approach was employed, including baseline assessments, intervention delivery, and post-intervention evaluations to measure changes in knowledge, attitudes, and practices related to chronic disease management. Analysis of survey data revealed that participants' self-reported confidence in managing their health improved significantly from pre- to post-intervention (mean increase: 25%, with a 95% confidence interval [18.7, 31.3]), indicating the training's positive impact on their capacity to address chronic conditions. The findings suggest that tailored healthcare provider training programmes can effectively enhance rural Senegalese women farmers' ability to manage chronic diseases in a supportive agricultural setting. Further research should explore scalability and sustainability of these interventions, as well as potential cost-effectiveness for broader implementation. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, rural, interventional, qualitative, longitudinal, community engagement, health education*

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