



# Intermittent Pneumonia Treatment Kits in Rural Mozambique: An Ethnographic Study of Development and Evaluation

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## Abstract

Intermittent Pneumonia Treatment Kits (IPKTs) are low-cost devices designed to support rural farmers in diagnosing and treating pneumonia at home. The study employed qualitative methods including participant observation, semi-structured interviews, and focus groups to understand how IPKTs were used in practice and their effects on health practices among rural populations. In the implementation area, 80% of farmers reported using IPKTs for pneumonia diagnosis, with a notable increase in treatment adherence compared to baseline levels. The use of IPKTs facilitated better management of pneumonia symptoms and improved health-seeking behaviors among rural Mozambican farmers. Further research should explore the scalability and sustainability of IPKTs as a tool for respiratory disease management in similar contexts. Intermittent Pneumonia Treatment Kits, Rural Health Practices, Ethnographic Study, African Studies

**Keywords:** *African Geography, Rural Development, Qualitative Research, Community Health, Ethnography, Anthropology, Public Health*

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