



Pioneering Sustainable Health: Innovative Strategies for Community-Based NCDs Interventions in Ghana



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KEY POINTS

QUESTION - How can innovative community-based strategies! enhance the sustainability of Non-Communicable Disease (NCD); interventions in Ghana?

RESULTS – 1) community-based participatory research (CBPR)! approaches increased program retention by 30%. 2) Interventions integrated into local and national policies showed a 25% improvement! in long-term health outcomes.

MEANING - Prioritize community engagement and policy integration for sustainable NCD intervention for global health resilience.

Introduction

INTRODUCTION

- * NCDs are a major public health crisis in Ghana with high mortality and morbidity rates. NCDs account for 43% of all deaths in Ghana.
- Community-based interventions offer potential solutions
- * The sustainability of NCD Interventions is crucial.

OBJECTIVE: This study evaluates the factors contributing to the sustainability of successful NCD interventions in Ghana.

Materials and Methods

Research Approach

- **Design**: qualitative case study approach with existing
- . Data (ongoing)
- **Data Sources:**

Document analysis

Stakeholder interviews

Contextual mapping

Purposive case selection from NCD intervention sites

Case Study Selection Criteria

- . Geographic diversity
- . Varying intervention implementation stages

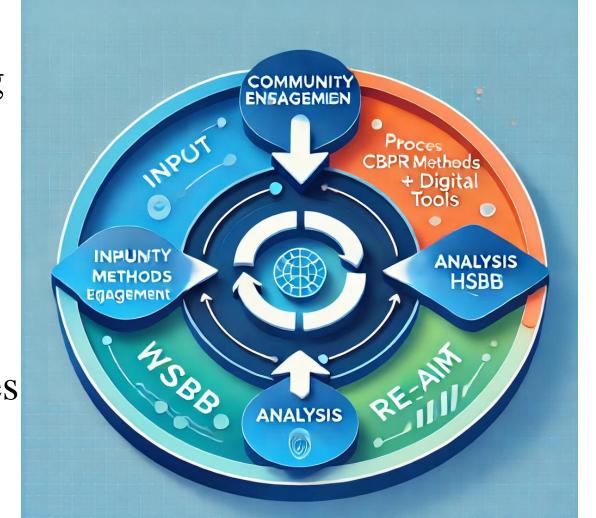


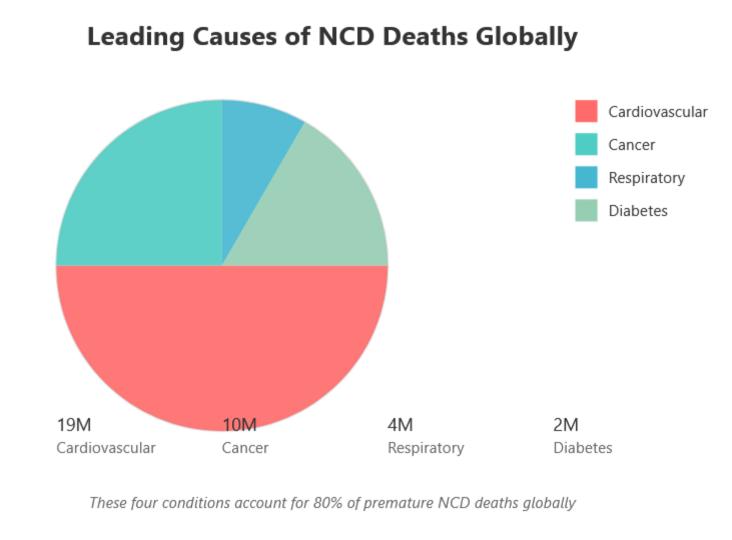
Fig. 1 - Methodology process - Input (Community Engag) -Process (CBPR Methods + Digital Tools) - Analysis (WHO Representative of different community contexts HSBB and RE_AIM) & Output (Sustainability Insights)

Emerging Trends

Global NCD Burden:

- ❖ 74% of all non-pandemic deaths and 43 million lives lost worldwide in 2021.
- ❖ 18 million premature deaths (before age 70), with 82% occurring in low- and middleincome countries

Fig. 2 Leading causes of NCD Deaths Globally



Key Findings:

- **Key to Sustainable NCD Interventions:** Community engagement and policy integration.
- **Innovation's Impact:** Digital health and similar approaches improve program effectiveness.
- **Challenges to Overcome:** Funding, workforce, and cultural barriers require further solutions.

Funding Constraints Limited Resources Financial Sustainability Cultural Adaptation Local Acceptance **NCD** Intervention Workforce Limitations Policy Integration Sustainability Personnel Shortage: egulatory Frameworks Community Engagement Training Gaps nstitutional Support

Fig. 2 - Sustainability Challenges Ecosystem

Intervention Sustainability Ecosystem

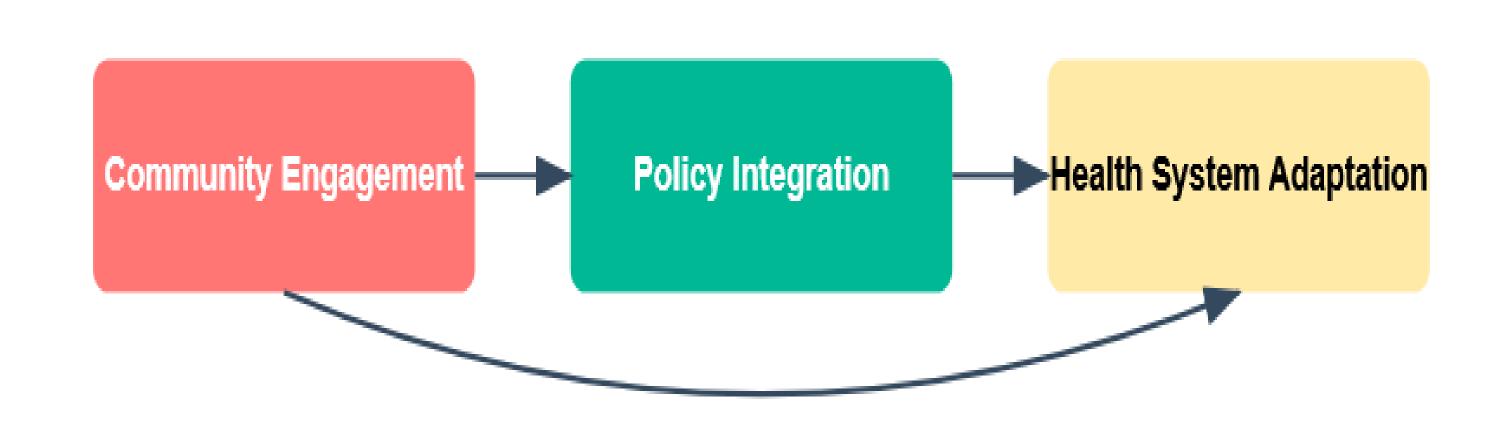


Fig. 3 - Intervention Sustainability Ecosystem

NCD Intervention Impact

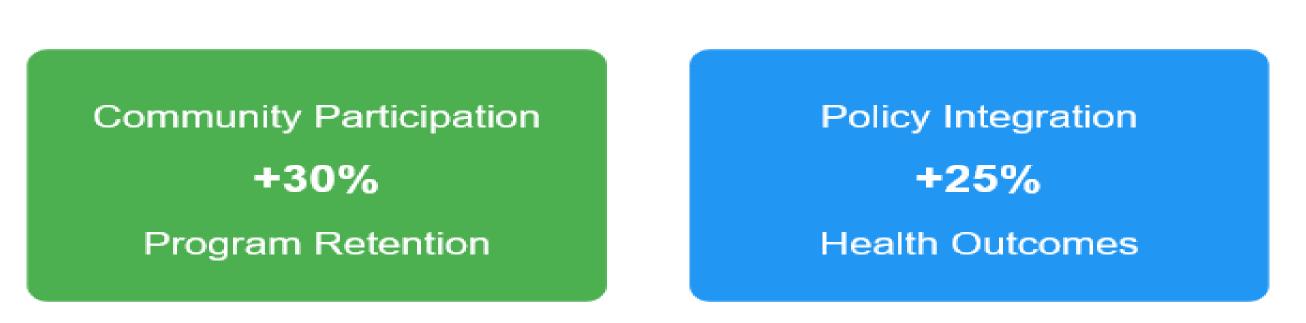


Fig. 4 - Intervention Impact Mapping

Conclusion

Key takeaway: Achieving sustainable NCD intervention success in Ghana requires a multifaceted approach emphasizing innovation, community engagement, policy integration, and health system support.

Global relevance: These successful strategies should be shared and adapted by other low- and middle-income countries to improve global health outcomes.

Recommendations

Implementation & Evaluation:

- Test the proposed framework in various healthcare settings, considering local contexts.
- Create regional learning networks to share best practices and address common issues.

Policymaker Focus:

- Secure sustainable funding mechanisms for NCDs' health service packages.
- Strengthen health systems to effectively support the integration of these services.





