

Community-based Hypertension Improvement Project (ComHIP), Ghana

Bringing hypertension screening and management closer to communities

In Ghana, one-third of adults live with uncontrolled hypertension, a major driver of cardiovascular disease.

ComHIP tested an innovative, nurse-led model for community-based hypertension screening and management. Screening points were introduced in everyday community locations, supported by digital tools connecting patients, nurses, and health facilities. SMS reminders supported self-management, while decision-support tools strengthened clinical care.



? What changed?

- Hypertension control rates increased from 36% to 72% after 12 months
- Significant reductions in systolic and diastolic blood pressure
- Evidence influenced national policy discussions on scale-up



Why this matters for our work today

ComHIP provided early proof that data-enabled, community-based models can reduce cardiovascular risk at scale – foundational to today's urban population health work.

Key partners

Ghana Health Service; Ministry of Health; FHI 360; London School of Hygiene & Tropical Medicine; VOTO Mobile