

Mobile Health (mHealth) Tanzania Partnership

Tuberculosis (TB) Self-Screening and Patient Treatment mHealth Application

This mHealth initiative raises awareness, offers TB self-screening, and provides TB/HIV treatment literacy.

TB Self-Screening Application

This application offers innovative technology for the general public to self-screen for TB symptoms via mobile phones. A consenting client may take a self-assessment using the mHealth diagnostic service. If the system classifies the client as presumptive, SMS messages will automatically be sent to the client recommending TB testing and providing educational information. If the system classifies the client as non-presumptive, educational SMS messages will be sent on TB prevention and symptom identification.

TB Treatment Literacy Application

This tool is designed for healthcare workers to register TB patients for treatment adherence messaging. Specific messages are sent to patients depending on classification (e.g., new patient, previously treated TB patient, multi-drug resistant patient, and TB/HIV client). The messages and clinic visit reminders are carefully timed and tailored to patient specifics (e.g., new patient, age of new patient, bacteriological confirmed or clinically diagnosed new patient).



Overview

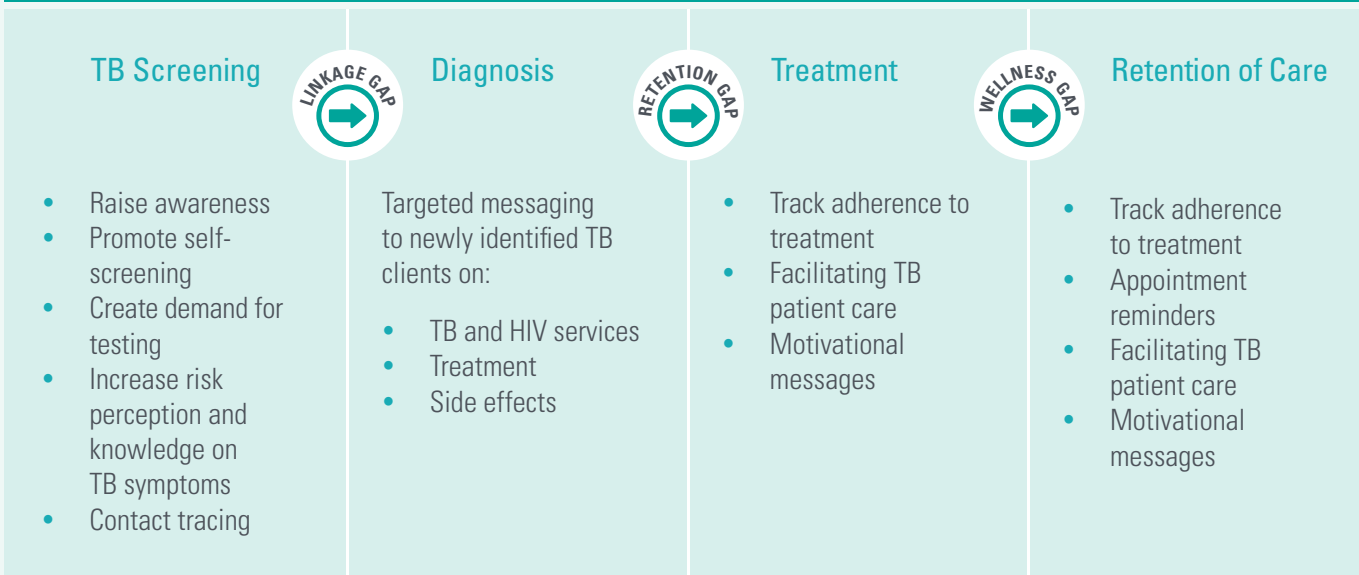
The Ministry of Health, Community Development, Gender, Elderly and Children – National TB and Leprosy Program (MoHCDGEC - NTLP), in partnership with Cardno Tanzania, CDC Tanzania/PEPFAR through the Cardno-managed mHealth Tanzania Partnership, KNCV Tuberculosis Foundation, and PATH, is leveraging the capabilities of mobile technology and the MoHCDGEC mHealth platform to increase the identification of symptomatic TB patients in the general population and provide detailed tailored TB treatment literacy information to consenting TB and TB/HIV patients who have initiated TB treatment. The goal is to improve treatment adherence and strengthen contact tracing with innovative mHealth technology.





mHealth Solutions for the TB Cascade

Lead: National TB and Leprosy Program



Self-Screening, TB and HIV messaging



Sector:
Health

Partners:
Cardno Tanzania, CDC Tanzania/PEPFAR through the Cardno-managed mHealth Tanzania Partnership, Government of Tanzania, KNCV Tuberculosis Foundation, PATH

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