



Mobile Health (mHealth) Tanzania Partnership

Cardno Tanzania manages U.S. Centers for Disease Control and Prevention's (CDC) and the President's Emergency Plan for AIDS Relief's (PEPFAR) Office of the U.S. Global AIDS Coordinator and Health Diplomacy (S/GAC) inputs to the mHealth Tanzania Partnership, which works under the leadership of the Ministry of Health, Community Development, Gender, Elderly and Children.



Overview

The mHealth Tanzania Partnership is an innovative collaboration convening multiple sectors and combining expertise and resources to enhance sustainable public health programs that leverage the booming mobile technology infrastructure in Tanzania. Innovative initiatives include development of services for appointment reminder systems, self-screening systems, TB messaging, and HIV messaging. Partners include CDC Tanzania, Tanzania Ministry of Health, Community Development, Gender, Elderly and Children (MoHCDGEC), other government bodies and health NGOs, as well as private sector companies. Mobile sector partners include Airtel Tanzania, Tigo Tanzania, Vodacom Foundation and Zantel. The program works with many partners (such as the Elizabeth Glaser Pediatric AIDS Foundation, Aga Khan Health Services, PharmAccess, Walter Reed Program/HJFMRI, Pathfinder, and many others) to drive implementation and on-the-ground coordination of ministry-led mobile health services.

Partners:

Cardno Tanzania, Government of Tanzania, GSMA, GAIN, Telecommunication Companies, Vodacom Foundation, Walter Reed Program/HJFMRI, PEPFAR Implementing Partners, PATH

Client:

U.S Centers for Disease Control and Prevention (CDC)



Sector:
Health



Location:
Tanzania



Award Value:
US\$5,600,000



Duration:
June 2015 –
March 2020

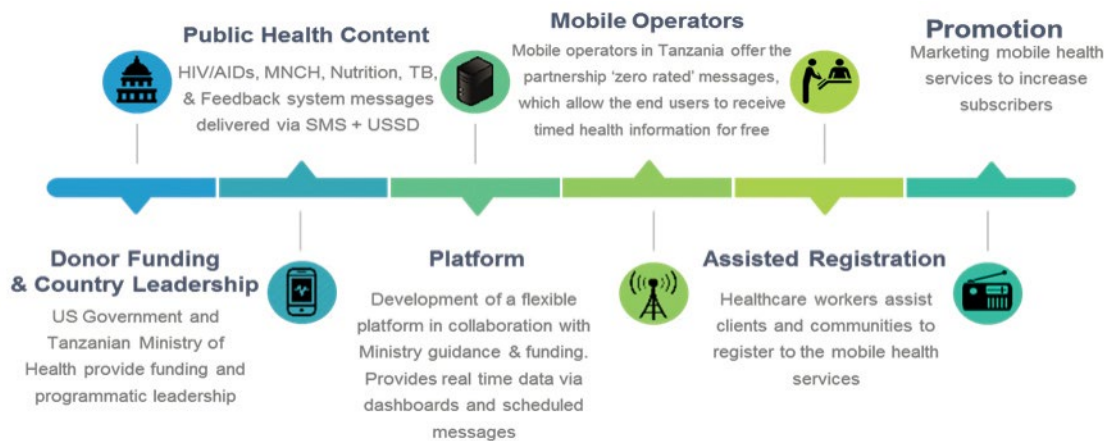
Key Services:

- > Partnership Management & Implementation
- > Contracts & Funds Management
- > Monitoring, Evaluation, and Reporting
- > Communication & Knowledge Management

Office Responsible:

Cardno International Development

mHealth Tanzania Partnership Model



Results

Wazazi Nipendeni (Healthy Pregnancy, Healthy Baby)

SMS Service: Registrants receive timed messages and reminders covering key topics, such as antenatal care, birth planning, family planning, prevention of mother-to-child transmission of HIV/AIDS, fetal development and childcare. The registrants, including pregnant women, mothers of infants up to 5 years, and their supporters, receive messages at a zero-rated cost. Key program results as of June 2018 include:

- > **130+ million messages sent and received since launch.**
- > **9,681 healthcare workers received orientation on mHealth techniques.**
- > **2+ million subscribers.**

Pediatric HIV identification and ART Initiation and Retention (PEDAIDS)

With partner Walter Reed Program/HJFMRI, mHealth Tanzania PPP launched PEDAIDS in November 2016. The service strives to increase the effectiveness of pediatric HIV identification and ART initiation and retention at reproductive and child health clinics and preventing mother-to-child transmission of HIV. As of March 2018, the program has reached over 4,346 subscribers with specially designed pediatric messages that emphasize the importance of mothers having newborns tested and brought back for routine evaluations and HIV testing.

Fast ART Self-Assessment & ARV Refill Mobile Service (FASTA)

FASTA is an innovative project in the early phases. The application allows clients on ARV to reduce clinical visits to every six months, obtain refills for three months (instead of one month), and allows for remote self-assessment without physical assessments by healthcare workers. The expected results include enhanced provider and client satisfaction, reduced costs, and decongestion of clinics.

Feedback Mechanism Service: This innovative feedback service aims to improve client satisfaction and the quality of health services in Tanzania. It is currently being piloted in the Lake Zone and led and managed by the MoHCDGEC. From April 2017 to March 2018, the service recorded 17,293 unique clients and logged 11,507 unique feedback inputs from users on topics related to corruption, healthcare services, treatment received, and the stock of medicines.

TB Messaging Service: This service utilizes mobile health to identify symptomatic TB patients and provide information to consenting TB and TB/HIV patients who have initiated treatment to improve adherence and strengthen contact tracing activities.

Legacy mHealth Tanzania Projects

- > Electronic Integrated Disease Surveillance and Response System – Facilitated health workers' access to immediate reportable disease cases, conditions, and public health events. Key result: reporting rates increased from 20% to 80%.
- > National Blood Transfusion Text Messaging Services – Supported activities such as blood donor recruitment and retention, blood collection, processing, distribution, and training on appropriate use of blood. Key result: 430,000 blood donors reached/retained since 2013.

For more information contact Cardno:

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