mHealth UGANDA

Quick Facts

Name:	mHealth for Access to Infant and Maternal Health (AIM) Project	Hoima Maternal, Newborn, and Child Health Project
Locations:	Towns: North Rukiga, Lunyo, Busitema Area development Programs: North Rukiga, Lunyo, Busia Cluster	District: Hoima Area Development Programs: Kyabigambire, Kiziranfumbi
Timing:	October 2014 – December 2016	October 2015 – February 2020
Programmatic approach:	Timed and Targeted Counselling	Timed and Targeted Counselling
User profile:	Village Health Teams	Village Health Teams and healthcare workers
Current number of users:	923	n/a
Current number of beneficiaries reached:	5,617 pregnant and lactating mothers 4,940 children under 2	n/a

⬡ Project Overview

World Vision's Access to Infant and Maternal Health (AIM) Project began in April 2011 and supported Village Health Teams to use the Timed and Targeted Counselling program to encourage pregnant women and caregivers of children under 2 years old to address key prevention and care seeking behaviours. As the Timed and Targeted Counselling program was rolled out, field staff noted communication challenges between Village Health Teams (VHTs) and health facility staff and that data was transmitted too slowly for adequate analysis and planning. The mHealth for AIM Project was thus created in October 2014 to address these issues.

The outcomes of the mHealth for AIM Project are significant. Using the mobile applications, VHTs can better deliver behaviour change communication messages to beneficiaries while collecting data. The

implementation of the technical solution at the facility level has strengthened the entire system. Data can now be accessed in real time to inform subsequent engagements, resulting in better decision making.

Based on this success, the Hoima Maternal, Newborn, and Child Health Project integrated the same mobile solution. As of October 2016, World Vision is training VHTs and healthcare workers to register patients and enter data using CommCare. Integration with DHIS2 ensures data harmonization with the national Health Management Information System (HMIS) allowing near real time access to valuable community health data. Soon Android smartphones loaded with the application will be made available to nearly 600 village health workers and 90 health workers.

⬡ Technical Solution

Since initiating a mHealth solution component to support Village Health Teams in 2014, World Vision has used applications within the MOTECH Suite designed to support the Timed and Targeted Counselling approach.

- ➢ **Technology:** CommCare integrated with DHIS2 through MOTECH Suite.
- ➢ **Mobile Phone:** Android smartphones of various models
- ➢ **Mobile Network Operator:** MTN

- Behaviour change communication
- Registries/vital events tracking
- Data collection and reporting
- Electronic health records
- Electronic decision support
- Provider work planning and schedule
- Interoperability

⬡ Stakeholder Engagement

Key stakeholders at the international and national levels collaborating on this mHealth initiative include:

- Uganda Ministry of Health District Health Teams
- Dimagi
- Uganda's e-Health Technical Working Group
- MTN

⬡ Funding

- World Vision United States
- Bill and Melinda Gates Foundation (mHealth for AIM Project only)
- Private Donors

⬡ Contacts

mHealth Project Manager
Lorna Muhirwe
Associate Director- Health& HIV
World Vision Uganda, Kampala Office
Phone: + 256 0755002342
Email: lorna_muhirwe@wvi.org

Hoima MNCH mHealth Coordinator
Rebecca Mirembe Mulindwa
Communications Specialist
World Vision Uganda, Kotido Office
Phone: + 256 0781467556
Email: rebecca_mirembe@wvi.org