

## mHealth MALI

### Quick Facts

Name: Saving Children's Lives Using mHealth to Improve Treatment, Reporting, Monitoring and Supply Management for Acute Malnutrition

Location: Tominian District

Timing: January 2015 - October 2016

Programmatic approach: Community Management of Acute Malnutrition

User profile: Health Workers

Current number of users: 37

Current number of beneficiaries reached by users: 2,454 beneficiaries including children under 5 and pregnant and lactating women



### ◆ Project Overview

Since 2015, World Vision and the Ministry of Health have collaborated to improve Community Management of Acute Malnutrition programs. World Vision is piloting an innovative solution to provide Health Workers with an easy-to-use case management resource which allows them to register patients, enter nutrition measurements, and track patient health over time.

The Community Management of Acute Malnutrition (CMAM) mHealth Project is deployed at the health facility level and provides health workers with an easy-to-use case information resource. Specialized functions to support the components of CMAM including Supplementary feeding and outpatient therapeutic care for treatment of acute malnutrition in children, and a supplementary feeding module for Pregnant and Lactating Women have been developed. The application provides a dynamic link between frontline patient treatment data with program performance reporting and stock management to improve monitoring, evaluation and real-time decision making, saving the lives of children receiving treatment for acute malnutrition.

The application includes health education; supports diagnosis and treatment protocol for acute malnutrition, and referral/counter-referral between program components; improves treatment continuity and patient tracking; tracks disease and epidemic outbreaks; and allows for collection and monitoring of data remotely. To support Infant and Young Child Feeding, response-triggered multimedia is also integrated for targeted counselling.

## ◆ Technical Solution

Since initiating an mHealth component to support Health Workers' programming in 2015, World Vision has used the MOTECH Suite to support Community Management of Acute Malnutrition.

- **Technology:** CommCare integrated with the MOTECH Suite
  - **Mobile Devices:** Samsung S Duos S7582 Mobile Phone, Samsung SM-T110 Wi-Fi Tablet
  - **Mobile Network Operator:** Orange and Malitel
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- Behaviour change communication or message
  - Registries/vital events tracking
  - Data collection and reporting
  - Electronic health records
  - Electronic decision support
  - Provider work planning and schedule
  - Supply chain management

## ◆ Stakeholder Engagement

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

- Mali Ministry of Health
- National Agency for Telehealth and Medical Informatics
- Dimagi
- Grameen Foundation

## ◆ Funding

- World Vision Canada
- USAID/OFDA

## ◆ Contacts

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