



mHealth: Mozambique

World Vision®

Project Name: Muecate Maternal, Newborn and Child Health Project

Geographic Location: Muecate District, Nampula Province

Project Timing: April 2012-Sept. 2015

Health Programming Models: Timed and Targeted Counseling & Positive Deviance / Hearth

Target Population: 93,906 inhabitants

CHVs Utilizing mHealth Solution: 360

Community Members Reached via mHealth: 32,700



Project Overview

The goal of the Muecate MNCH project is to improve maternal, newborn, and child survival in Muecate district of Nampula province through sustainable health and nutrition interventions. The following outcomes are contributing to achieve the goal: 1) Improved and equitable access to mother, neo-natal, and child health services; 2) Adoption of positive nutrition, health-seeking, caring, and WASH practices at community level leading to improved MNCH; and 3) Favorable policy environment for improved MNCH reinforced.

To achieve this project goal, the project is implementing two programming models—Timed and Targeted Counseling (ttC) and Positive Deviance/Hearth (PDH). The ttC model focuses on promotion of the maternal, newborn, and child health interventions, appropriate health practices, and MNCH behaviors, especially for pregnant women. The PDH model is used as a behavior change approach that aims to rehabilitate, sustain and prevent malnutrition in both MAM (moderate acute malnutrition) (low weight-for-height) and underweight children in the context of their own homes.

Both models are using mHealth for monitoring and data collection. The mHealth component aims to improve monitoring processed by using cell phones running the CommCare application

for PDH and the SMAP application for ttC and maternal and newborn child health data. With these tools, immediate feedback is given to the community volunteers and beneficiaries. Furthermore, the data from the field is made available in real time for the project, provincial, and national level staff, making it possible to give timely feedback to the community volunteers and beneficiaries. As a result, monitoring data is being used to improve program quality.

mHealth Solution

Specifics of the mobile health solution utilized are delineated below:

- ▶ **Technology:** Motech Suite/CommCare & SMAP
- ▶ **Mobile Phone:** Samsung SGH-S730M
- ▶ **Mobile Network Operator:** Movitel

Stakeholder Engagement

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

- ▶ Ministry of Health, Mozambique
- ▶ Grameen Foundation

Funding

Phase I: WV Australia, WV Canada

Contacts

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