

mHealth NIGER



Quick Facts

Name:	Niger Integrated Child Health Services mHealth Project	OFDA Community Management of Acute Malnutrition mHealth Project
Locations:	Dosso and Doutchi Districts, Dosso Region	Dakoro District, Maradi Region
Timing:	May 2014 – March 2017	December 2014 – October 2016
Programmatic approach:	Integrated Community Case Management	Community Management of Acute Malnutrition
User profile:	Community Health Workers	Health Workers
Current number of users:	95	16
Current number of beneficiaries reached:	27,839 children 2-59 months	687 pregnant and breastfeeding women and 2,614 children 6-59 months

Project Overview

The Niger Integrated Child Health Service Project focuses on addressing common illnesses such as diarrhoea, pneumonia, and malaria in children 2-59 months using standard WHO protocols for Integrated Community Case Management. The project overcomes data collection and information processing challenges with a mobile solution that supports Community Health Workers. The innovation has not only helped streamline the process to effectively manage acute childhood illness but also gives Community Health Workers a tool offering advice and support in their new roles.

The OFDA 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, 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 the integration of Infant and Young Child Feeding, response-triggered multimedia is also integrated for targeted counselling.

◆ Technical Solution

Since initiating an mHealth solution component to support Health Worker programming in 2014, World Vision Niger has used the MOTECH Suite to support Integrated Community Case Management and Community Management of Acute Malnutrition.

- **Technology:** MOTECH Suite
 - **Mobile Phone:** Samsung Galaxy Duos S7562i
 - **Mobile Network Operator:** Airtel and Orange
- Behaviour Change Communication
 - 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:

- Ministry of Health for Niger Republic
- World Health Organization
- Dimagi
- Grameen Foundation

◆ Funding

- World Vision Canada
- World Vision Niger
- USAID/OFDA
- ACIDI/VOCA

◆ Contacts

Niger Integrated Child Health Service Project Project Management

Grace Nganga
NICe-RACe Project Manager
World Vision Niger
Phone: +227 92183131
Email: grace_nganga@wvi.org

Technical Lead

Mahamane Ezechiel
Research and mHealth Coordinator
World Vision Niger
Phone: +227 96492489
Email: ezechiel_mahamane@wvi.org

OFDA CMAM mHealth Project Project Management

Dr. Naroua Ousmane
Health Nutrition Director
World Vision Niger
Phone: +227 96590900
Email: naroua_ousmane@wvi.org

Technical Lead

Marou Souley Hadiara
CMAM/mHealth Coordinator
World Vision Niger
Phone: +227 92183322
Email: hadiara_marou@wvi.org