A Collaborative Approach to Improving Healthcare

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Framing the problem

Lack of information

Lack of financial resources

Dem and

Sup ply

Quality Assurance

Supply Chain issues

Demotivated staff

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MOTECH SUITE

is a set of Open Source technologies from a consortium of partners who have recognized that their complementary software efforts can address core needs of mHealth.

MOTECH SUITE

GRAMEEN FOUNDATION
Connecting the World's Poor to Their Potential

Dimagi

InSTEDD
Innovative Support to Emergencies Diseases and Disasters

USM UNIVERSITY OF SOUTHERN MAINE

OpenMRS
MEDICAL RECORD SYSTEM

VILLAGEREACH

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MOTECH Implementations

Africa
GHS Mobile Midwife – MNCH (Ghana)

World Vision ttC – MNCH (Zambia, Sierra Leone, Tanzania, Uganda, Mozambique, Malawi, Ghana, Rwanda, Zimbabwe)

Columbia ENRICH – HIV (Ethiopia)

Columbia MVP – MNCH (Ethiopia)

AHME – MNCH, FP (Ghana, Keny, Nigeria)

India
Johnson & Johnson UNITE– HIV (6 cities)

Columbia Drishti – MNCH & Vaccines (Karnataka)

Ananya Project (Bihar/Orissa)
- BBCMA Mobile Academy – CHW Training
- BBCMA Mobile Kunji – CHW Job Aids
- BBCMA Kilkari – MNCH Messaging
- WHP – TB Adherence
- CARE – MNCH/Vaccination Scheduling

	Behavior Change and Increasing Demand	Managing Patient Data	Improving Worker Performance	Last-Mile Supply Chain	Patient Adherence
Capabilities	• Interactive voice response • (IVR) & SMS messages • Educational videos • Pay-as-you-go and subscription billing	• Registration by mobile form or IVR • Record sharing across devices/workers • Patient records	• Checklists and decision support • Real-time worker feedback • Supervisor alerts and tools • Training • Counseling support • Home-visit scheduling • Immunization-due list	• Real-time monitoring of stock levels • Automated stock reports	• SMS/voice reminder • Referral tracking
Benefits	• More effectively reach patients • Leverage phone's appeal to deliver more credible, timely, personalized messages	• More accurate data entry • Continuity of care • Coordination of patient care	• Classification and treatment of childhood illness • Enhanced productivity • Increased supervision • Improved impact of counseling	• Improved coordination	• Timely reminders • Ability to close the loop between recommended care/received care • Ability to intervene quickly when adherence drops
Examples	• Broadcast message on vaccination day • Appointment and vaccination reminders • Weekly, stage-based maternal- and child-health messages	• Registering and tracking a child through their first 1,000 days	• Phone-based training curriculum with quizzes • Job aide to augment patient counseling	• Alerting clinic when new shipment is about to be delivered	• Pill reminder for ARV patients • Self-reported compliance survey • Referral tracking and confirmation

MOTECH SUITE

"The promise of mHealth is best achieved when donors, implementers and government ministries of health collaborate closely to improve community-based healthcare.

By sharing technology, best practices and expertise, the MOTECH Suite community hopes to maximize the potential of mHealth and help bring a better quality of life to the underserved."

MOTECH SUITE

Case Study: MoTeCH in Ghana

IT'S FREE!

Mobile Midwife

FREE health tips on your mobile phone

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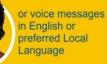phone to get your messages for free

Flash 1982 (MTN)
030 2216 800 (VODAFONE)
030 7036 100 (AIRTEL)
for FREE to register or find out more
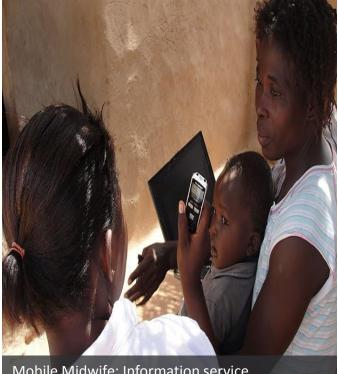
Choose text messages

or voice messages in English or preferred Local Language

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MOBILE TECHNOLOGY FOR COMMUNITY HEALTH

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SAVING LIVES AT BIRTH

mHealth Innovations are…

Making healthcare accessible to **anyone**, **anytime**, and **anywhere**

Eliminating constraints such as **time** and **location**

Organizing data into useful, timely and **actionable** information

Increasing both the **coverage** and **quality** of healthcare

Mobile Midwife: Information service

Questions

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