

# Design and Usability Testing of a Mobile Phone-Based Patient Management System for Women in Rural Kenya

Amogh Karnik  
*M.Sc. Candidate*

Duke Global Health Institute

March 29, 2014

# OVERVIEW

## Introduction

### Maternal Mortality

## Methods

### Setting

### Human-Centered Design

## Results

### Qualitative Results

### Quantitative Results

## Discussion

### Frame 1

Every day, 800 women die of pregnancy-related complications around the world.

Every day, 800 women die of pregnancy-related complications around the world.

The most common causes of maternal death are hemorrhage and infection.

Every day, 800 women die of pregnancy-related complications around the world.

The most common causes of maternal death are hemorrhage and infection.

Most of these deaths take place during or within the first few days after childbirth.

# KENYAN HEALTH SYSTEM

Pyramid describing geographic divisions and levels within health system

# RESEARCH SITE

Specifics about Sinoko clinic, Ndivisi, Bungoma County

# HUMAN-CENTERED DESIGN

Explanation of the HCD framework.



# HEAR PHASE

This is the hear phase.

# CREATE PHASE

This is the create phase.

# DELIVER PHASE

This is the deliver phase.

# CREATE PHASE

These are the results of the create phase.

# DELIVER PHASE

# FRAME 1