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

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### Outline

- Introduction
  - Maternal Mortality
  - mHealth and Maternal Health
- 2 Methods
  - Setting
  - Human-Centered Design
- Results
- 4 Discussion

#### The Numbers

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## Three Delays

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### What is mHealth?

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#### Data Collection

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# Text Messaging

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# Interactive Voice Response

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### Kenyan Health System

Pyramid describing geographic divisions and levels within health system

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### Research Site

Specifics about Sinoko clinic, Ndivisi, Bungoma County

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# Human-Centered Design

Explanation of the HCD framework.

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### Hear Phase

This is the hear phase.

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### Create Phase

This is the create phase.

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### Deliver Phase

This is the deliver phase.

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### Create Phase

These are the results of the create phase.

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### Limitations

This was a pilot study with small sample size.

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