

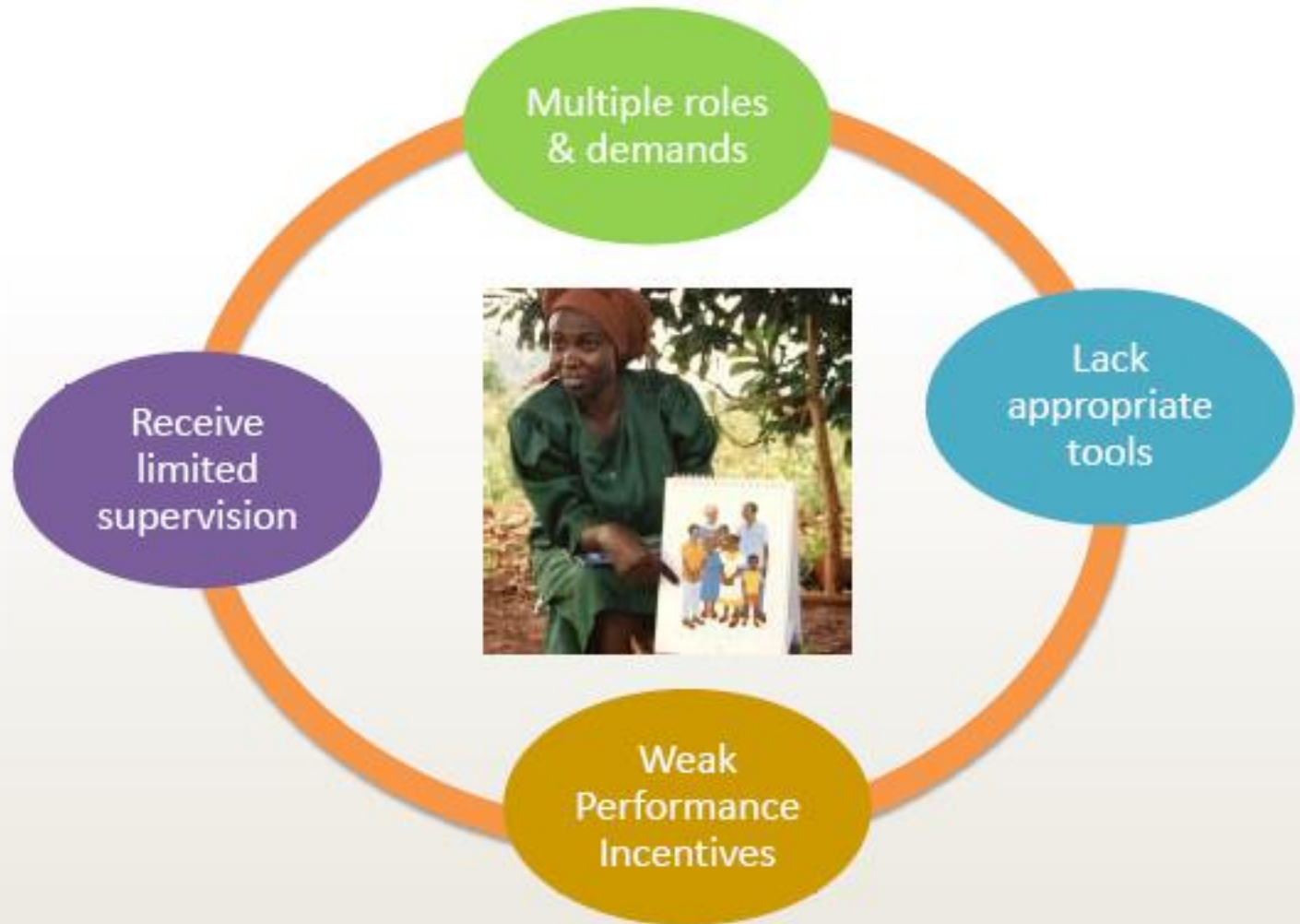
# Evaluating the Use of Mobile Phone-based Job Aids by Community Health Workers to Counsel on Family Planning and Reproductive Health in Tanzania



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# Study Background



# Study Objectives

To determine whether the use of a mobile phone-based job aid by community health workers is a feasible, efficient, and effective tool for providing counseling for family planning services.



Is it feasible for CHWs to use this tool?



Does it lead to efficiency gains?



Is it effective to improve outcomes?

# Study Measures

## FEASIBILITY

- Supervisor and CHW acceptability
- Client perspectives

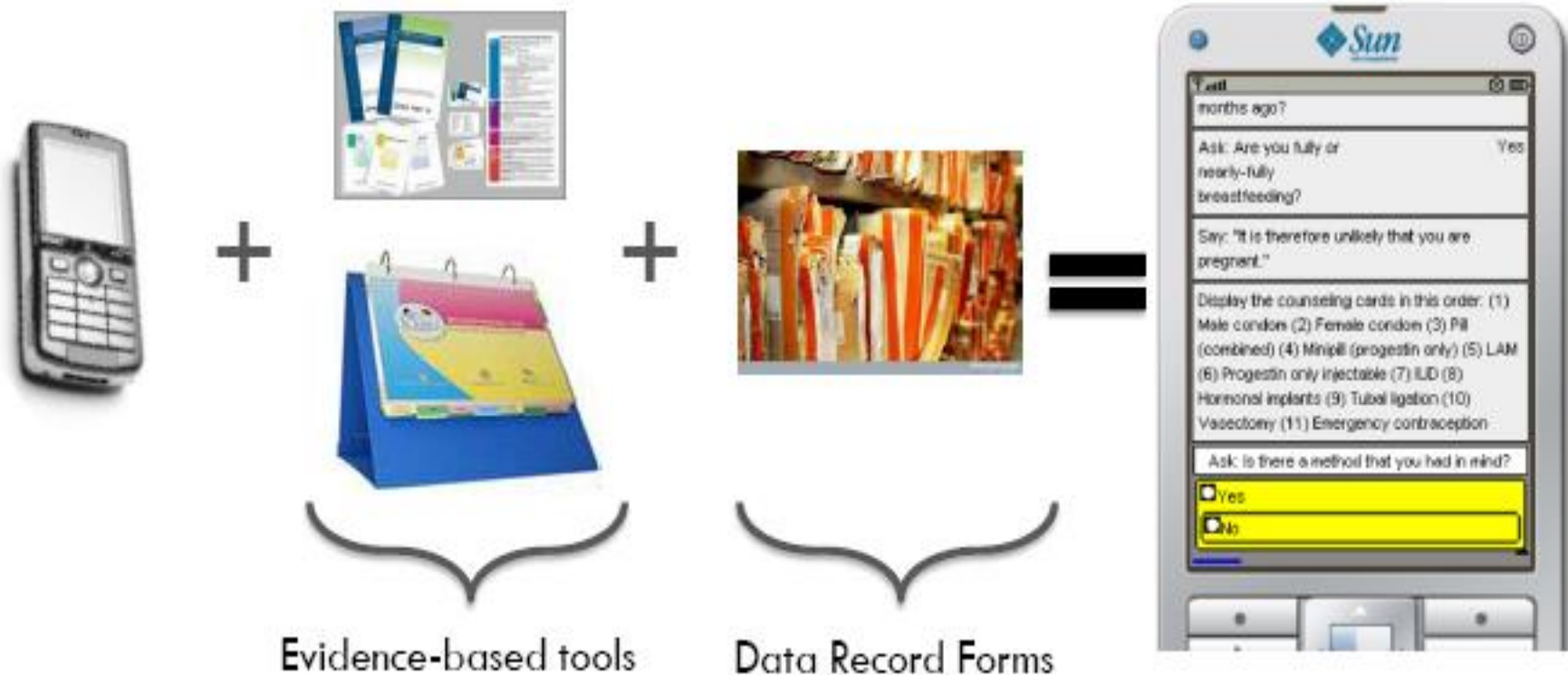
## EFFICIENCY

- Time taken for screening, counselling and data entry
- Timely, complete reports submitted by CHWs
- Costs

## EFFECTIVENESS

- Completion of follow-up visits among clients
- Continued FP use by clients

# Program Overview



- Evidence-based tools
  - Balanced Counseling Strategy Plus
  - WHO FP Decision-Making Toolkit
  - Pregnancy Checklist

# Program Overview

## Integrated Algorithm

- Counsel, Screen, Provide, Refer, & Follow-up
- FP, HIV, and STIs services

## Data Forms

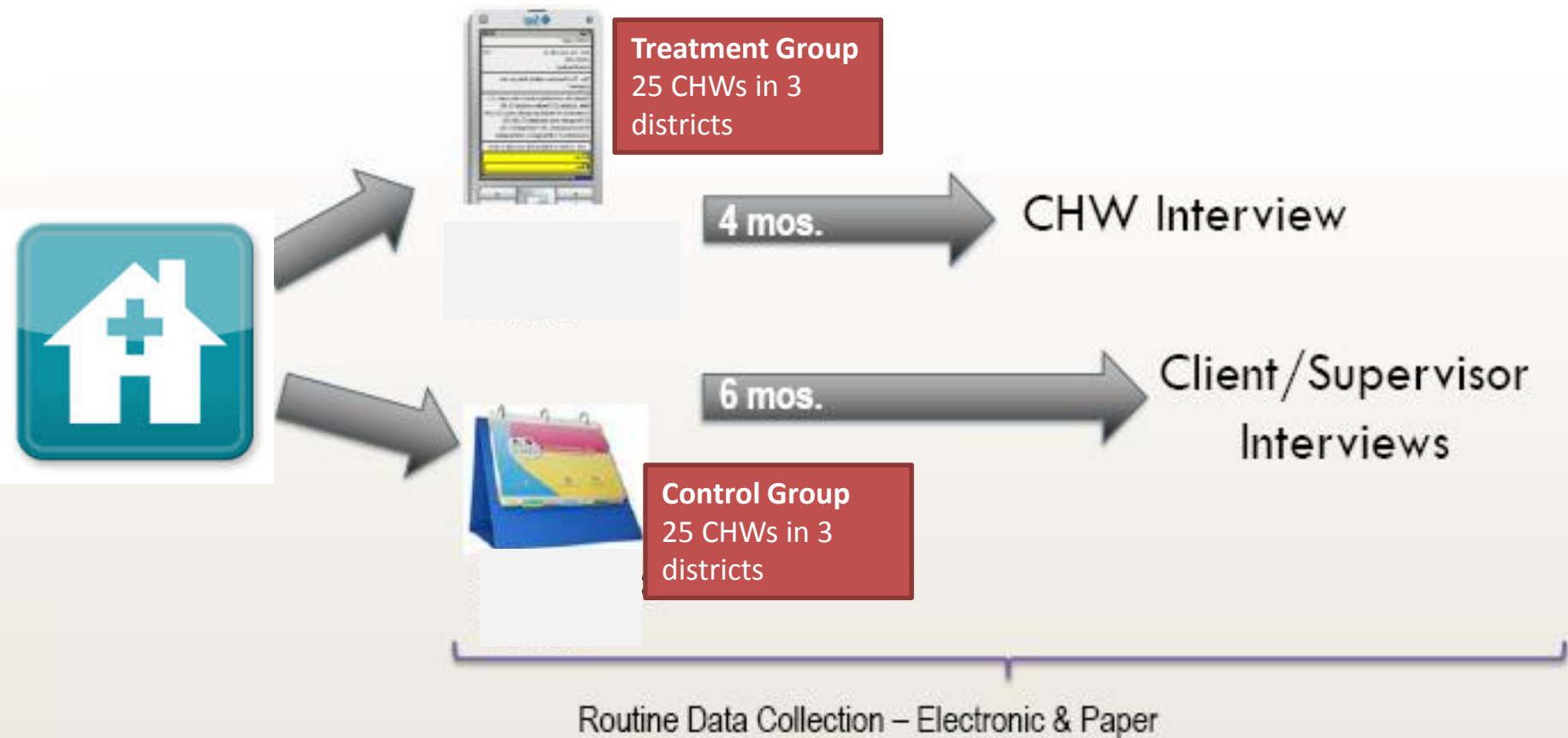
- Records & Submits Client Data

## Reminder system

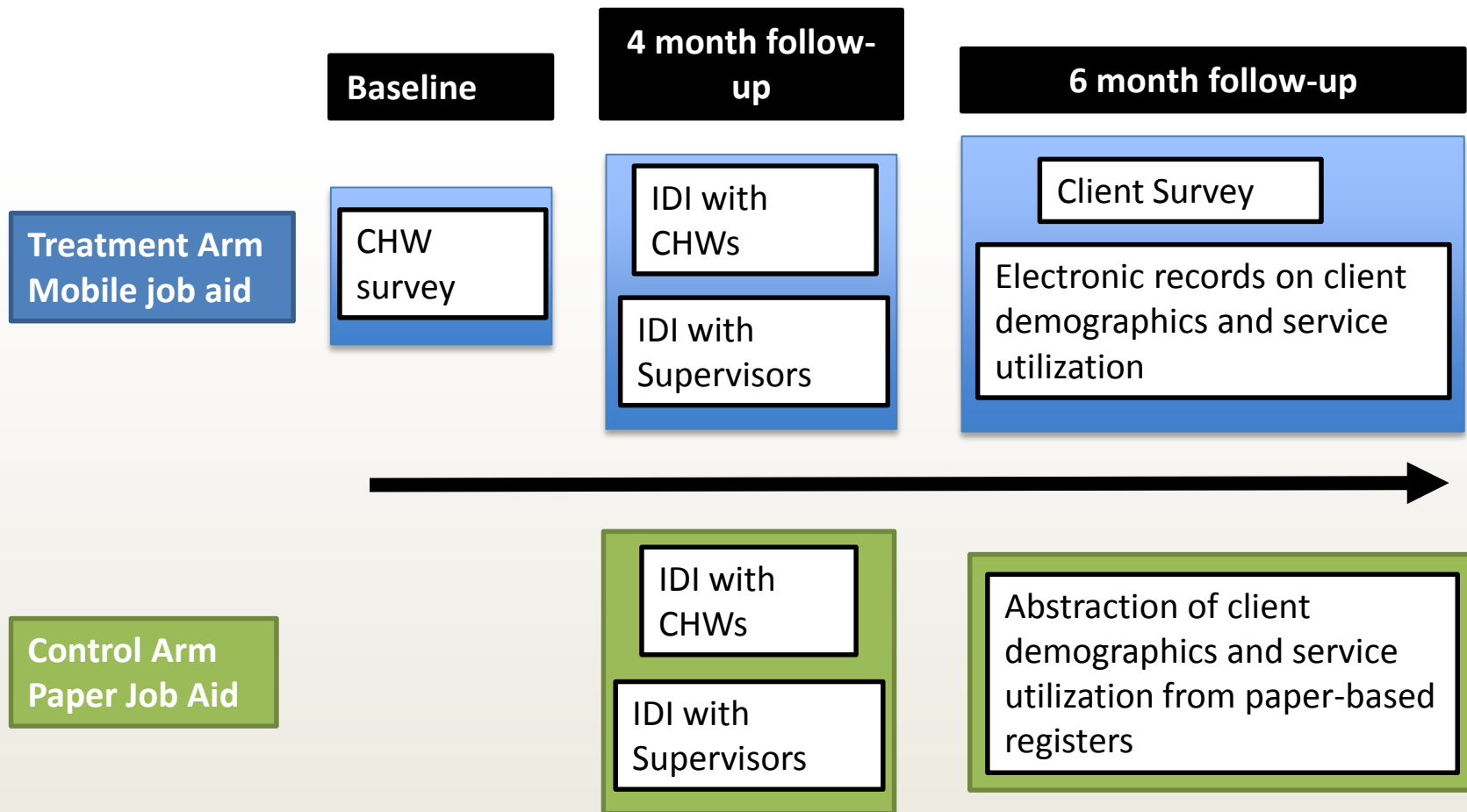
- Management tool for CHWs and supervisors

# Study Design

- Post-test only control group design



# Survey Tools and Data Sources





# Sample size

Ward	Supervisors	CHWs	Family planning clients
Ukonga	1	14	260
Chanika Buyuni	1	5	120
Chanika Majohe	1	5	100
Chanika	1	9	180
Kipawa	1	9	200
Pugu	1	14	260
<b>TOTAL</b>	<b>6</b>	<b>56</b>	<b>1,120</b>

- Each CHW will enroll about 20 new clients
- Sample powered at >80% to detect a 20% increase in complete follow-up visits using mobile-based job aid.

# Study limitations

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- Lack of pre-test data on client demographics and service utilization
- Small number of facilities randomized

# Challenges in study design/data collection

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- Poor internet connectivity
- Functionality of phones- short battery life
- Backend data: Though data collection is simplified, making sense of electronic data was time-consuming
- Paper-based data for comparison group was limited to using pre-existing MOHSW data instruments