The overall study design is presented in Figure 1:

**Figure 1- Overall study Design:**

- **Validity Villages**
  - 2/3 villages close to Mwanza and Naimey
  - Validity of terminology of Facility level process tools
  - Validity of terminology in household survey terms

- **Formative**
  - 1 ward in each strata in each project Region n=6/country
  - Exploration of activity systems using tools that have had a preliminary validation
  - Refinement of tools for process evaluation and household survey
  - Intervention development and pretesting

- **Pretest wards**
  - Wards close to Mwanza and Naimey
  - Testing logistics and overall design and content of household survey
  - Testing logistics and overall design and content of household survey

**Comparison Wards**

**Intervention Wards**

**Household Survey**

**Comparison Process**

**Intervention Process**

**Process Evaluation Wards**

**Impact Evaluation Wards n=72**

200x 9= 1800/trial group/region  N= 7200/ country
**Figure 2- Complementary baseline data collection studies:**

- **Situation Analysis**
  - **Study 1**
    - QUALITATIVE Facility level description of activity systems, mediating moments environment and cultures
  - **Study 5**
    - HOUSEHOLD SURVEY: Measuring equity of service uptake and basic measures of reproductive health outcomes among adolescents and the wider community.

- **Process Evaluation**
  - **Study 2**
    - Description of activity systems, mediating moments environment and cultures and perceived policies in the subsample of wards which will be used as process evaluation cohort wards
  - **Study 3**
    - Mystery client study: mystery client study in health facilities in the process evaluation cohort wards
  - **Study 4**
    - QUANTITATIVE description of age, gender distribution of actors and basic infrastructural properties and cost data in each setting in intervention and control evaluation wards

**Figure 3: Intervention Framework**

- **REPRODUCTIVE HEALTH SERVICES**
  - **1. Workplace ARH strategy**
- **COMMUNITY**
- **SCHOOL**
- **INTEGRATION**
  - **3 Teacher & Community guardians**
  - **4 Community Referral**
  - **2 RH Support to teachers**