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PROGRAMMATIC BRIEF

BACKGROUND

In 2016 there were 1.6 million people living with HIV in Kenya; of whom 57 percent were women aged 15 years and older; and 71 percent of these women received ART [1]. Evidence suggests that many women, including those living with HIV, are at risk of unintended pregnancies. Prevention of unintended pregnancies is a key component of a comprehensive strategy to eliminate mother-to-child HIV transmission (MTCT), and an effective strategy to reduce maternal mortality among those with HIV. While efforts have improved women's access to family planning (FP) in health facilities (contraceptive prevalence rate in Kenya is 58%, in Busia county 56%) [2], to date little has been done to understand the potential of providing integrated FP/HIV services to women closer to their homes through the formal community health system structure.

In Kenya the national Community Health Strategy structure includes Community Health Committees (CHCs) that manage health activities for Community Units (CUs) of approximately 1,000 households or 5,000 people. To ensure long term self-reliance of community-based service delivery, each CU includes around 15 Community Health Volunteers (CHVs) who provide a range of health services (preventive, promotive and a few curative health services) to people in their communities. Community Health Extension Workers (CHEWs) supervise CHVs and link the CHCs to the primary health care facilities.

The Population Council through the Evidence Project with funding from PEPFAR/USAID, studied the feasibility and acceptability of integrating FP and HIV services at the community-level for women living with HIV. The intervention focused on building a supportive environment for CHVs to provide integrated FP/HIV services.

A series of activities were undertaken to develop the approach for integrated FP/HIV service delivery at the community-level, including stakeholder meetings, a review of learning and integration materials, adaption of CHV learning materials, workforce development activities, and supportive supervision.

This brief describes the intervention process and challenges that were encountered. A description of the study's methodological approach and results are not presented here but are available on the Evidence Project website [3].

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ACTIVITY DESIGN

This Evidence Project study took place in Samia (intervention sites) and Butula (comparison sites) sub-counties in Busia county, Western Kenya. It was conducted collaboratively with the County and Sub-county health management teams (CHMT and SCHMT). The Evidence Project and CHMT and SCHMT members subsequently held: (1) sensitization meetings with CHEWs, CHCs, and primary health centers; and (2) reviewed existing learning materials on community health including curricula, commodities, and human resources (e.g., Kenya Community Health Strategy [4]), FP/HIV integration materials (e.g., BCS+ [5]), and CHV household registers and reporting forms. Results from the review of learning and integration materials, and the sensitization meetings helped shape the intervention, including:

1. Adaptation of the training materials to:
 - Increase emphasis on FP counseling for CHV trainees to meet the needs of women living with HIV;
 - Expand the training session on stigma and discrimination; and;
 - Refine FP terminology for the training materials.
2. Align the community scorecard with the national community health strategy.
3. Identify workforce development activities, including training CHVs in integrated services, training CHEWs to manage and support CHV activities and

identify the appropriate income generation activities (IGA) to include in a business skills training for CHCs.

4. Modify the existing supervision assessment tool to enable the health management teams to support CHVs in providing integrated FP/HIV activities.

KEY IMPLEMENTATION ACTIVITIES

- *Stakeholder meetings*
- *Review of learning and integration materials*
- *Adaptation of learning materials*
- *Workforce development activities*
- *Supportive supervision*

Adaptation of learning materials

The Evidence Project and Busia CHMT reviewed the training materials and subsequently incorporated additional components into the CHV training curriculum to ensure CHVs had the knowledge and skills to effectively integrate FP/ HIV services at the community level. These included training sessions on: (a) providing high quality FP counseling; (b) providing voluntary FP methods while ensuring informed choice; and (c) recognizing and reducing HIV-related stigma and discrimination. In addition, the project team reviewed the IGAs/business content in the CHV manual for relevance and appropriateness.

Workforce development activities

Table 1 outlines the training and IGA activities that were completed with different members of the community-health structure. Because the sustainability of CHV integrated FP/HIV services is linked to the function of the community health structure, trainings were also held with CHEWs and CHC members.

Most CHVs were not routinely compensated for their work as community health workers apart from inconsistent stipends made by NGOs or donors. Therefore, the Ministry of Health in the County Government of Busia requested the Evidence Project to train CHVs and the CHC members in income-generating activities



TABLE 1: COMMUNITY LEVEL WORKFORCE DEVELOPMENT

CADRE	TOPICS COVERED	DETAILS
CHEWs	<ul style="list-style-type: none"> • Key roles and responsibilities of CHVs • Importance of integrating FP and HIV services at the community level • Essential skills for providing FP counseling; and pills and condoms • Rumors, myths and misperceptions related to FP methods • Importance of record keeping for providing FP services 	<ul style="list-style-type: none"> • 40 CHEWs trained. • Facilitated by Busia CHMT and Samia SCHMT.
CHVs	<ul style="list-style-type: none"> • Skills for FP counseling using an adaptation of BCS+ <ul style="list-style-type: none"> ▪ Establish rapport, use active listening skills ▪ Encourage client participation (e.g., ask client her experiences with FP and desired family size), tailor counseling as appropriate: ▪ Rule out pregnancy ▪ Identify client's needs related to reproductive intentions, concern over side effects, effectiveness, and timing of use • Provide condoms and oral contraceptive pills • Refer if client chooses long-acting reversible or permanent methods (IUD, implant, or sterilization) • HIV treatment and care, routine HIV information and education, and risk assessment, refer for HIV services as needed • HIV-related stigma and discrimination • Document services provided 	<ul style="list-style-type: none"> • 324 CHVs attended 5-day training. • 11 batches of ~32 people per training. • Facilitated by 2 CHEWs per training.
CHC members	<ul style="list-style-type: none"> • Build capacity to support CU activities <ul style="list-style-type: none"> ▪ Community- level meetings, education and awareness campaigns ▪ Transport costs for CHVs to travel to communities and households to provide health services ▪ Conduct IGAs. A training on IGAs included: Scope of sustainable livelihoods, marketing, household/livelihood enterprise development, business ideas, scope of trading in community, business records, record keeping, resource mobilization for business start-up, debt and credit management, financial literacy and group dynamics 	<ul style="list-style-type: none"> • 84 CHC members participated in 2-day training. • 2 batches of ~42 CHC members per training. • 4 facilitators from the Rural Education and Economic enhancement program per training

(IGAs) and business skills for agriculture and live-stock-based activities (fish farming, poultry, farming, etc.). The acquisition of business skills provided opportunities for CUs to develop IGAs. This enabled CUs to offer consistent stipend payments to CHVs, and transportation reimbursements for CHVs who visited distant households, which in turn reduced the reliance on NGOs or donors to remunerate CHVs.

Supportive supervision

Following the training (see Table 1), supportive supervision activities were implemented within the Kenyan Ministry of Health framework. Busia CHMT and SCHMT and the Evidence Project modified the existing supervision assessment tool to enable the

health management teams to better: (a) encourage CHVs who were providing integrated FP-HIV services; (b) ensure quality service provision; and (c) build the capacity of the CHEWs who oversee CHV activities. The supervision activities strengthened the relationships between CHMT, SCHMT, and CHCs teams by providing opportunities to identify implementation issues (such as stockouts) and recognize good practice. During the supervision visits, CHMT, SCHMTs and CHEWs discussed with CHVs the regular and accurate use of household records, service-delivery logbooks, commodity tracking tool, referral forms and the BCS+ counseling tools. CHMT and SCHMT continue to use this modified supervision assessment tool with CHVs.

IMPLEMENTATION CHALLENGES

Several challenges were encountered with the Ministry of Health (MoH), CHMT, SCHMT and the Evidence Project implementation of the intervention activities. These issues should be considered when implementing similar community-based programs in Kenya. First, a consistent supply of contraceptives (or other health commodities) is needed to ensure CHVs have the supplies to provide health services at community level. Second, extensive mapping of other NGO-funded activities (both current and anticipated) and government-led initiatives (including non-health activities) can help to avoid duplications and streamline efforts to improve quality of services provided at the community-level. Third, promoting new ways of working at the community-level takes time. The intervention period for this study was for only 10 months, which was insufficient to appropriately observe change in the functioning of CHCs and CHVs behaviors. Finally, to encourage sustainability, supportive supervision activities were designed and implemented within the existing community health structures. While this



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approach has potential benefits in the long run, the project experience short-term setbacks. The most critical being the high-turnover rates for CHEWs, who are responsible for managing CHV activities and providing supportive supervision. The project recommends reviewing the human resource strategy for the county

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The Evidence Project uses implementation science—the strategic generation, translation, and use of evidence—to strengthen and scale up family planning and reproductive health programs to reduce unintended pregnancies worldwide. The Evidence Project is led by the Population Council.

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