

THE SOCIAL INNOVATION IN HEALTH INITIATIVE (SIHI)

STAKEHOLDERS WORKSHOP

10/10/2019 – SPEKE RESORT MUNYONYO



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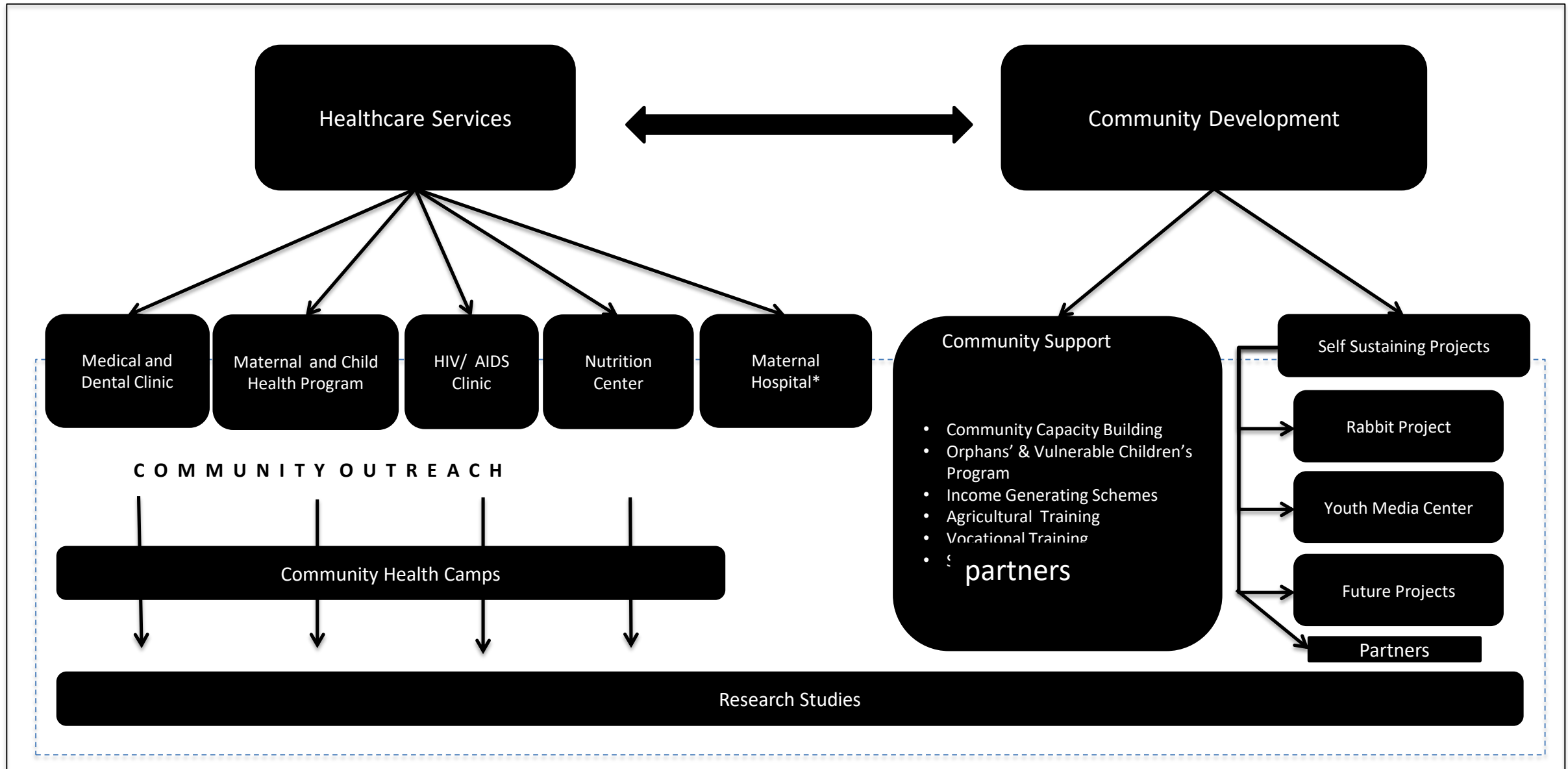
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ABSTRACT

The innovative use of mobile portable ultrasound technology to improve antenatal care and prevention of mother to child transmission of HIV services in the rural communities in Kigezi region of southwestern Uganda.



The KIHEFO Model



BACKGROUND/CHALLENGE

This project was designed to use portable ultrasound technology to improve antenatal care and prevention of mother to child transmission of HIV services in the Kigezi region of southwestern Uganda. The project was supported by among others USAID-RHITES SOUTH WEST.

16 women die everyday due to birth related complications and many children are still being born with HIV because many women do not report health centers and deliver at home where they are not tested for HIV.



OBJECTIVES/SOLUTION

The objective of the project was to find out if the provision of free ultrasound services in the rural communities will increase the number of pregnant women coming to antenatal clinics in the established health units and community outreach clinics and at the same time get tested for HIV.



METHODS/IMPLEMENTATION OF THE SOLUTION

The project examined the antenatal clinic registers for the previous year that served as a baseline before the introduction of the free ultrasound scan services. Portable ultrasound scan services were introduced in the community outreaches the following year. Data from the two years was compared.

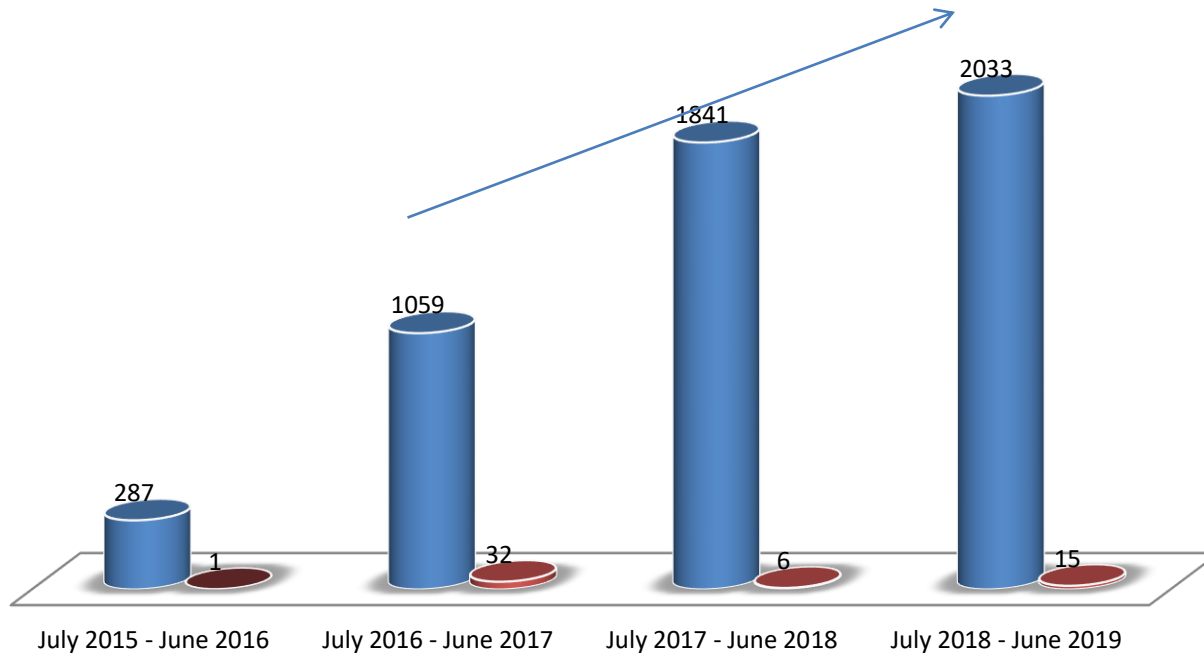


RESULTS

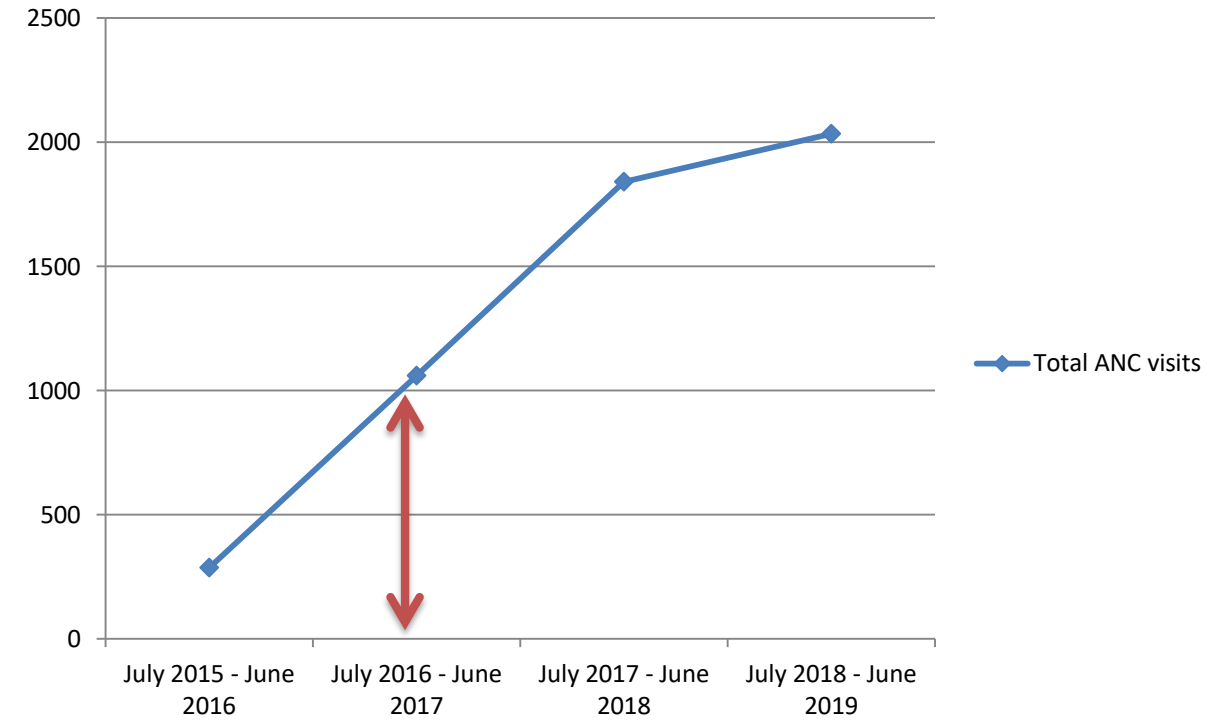
287 women were reached with Antenatal Services during the period of 1st July 2015 – 30th June 2016 before the ultrasound scan was introduced. During the reporting period of 1st July, 2016 to 30th June, 2017; 1059 women were reached with ANC services both at facility and Community level using the portable ultra-sound scan and all tested for HIV. 32 mothers were tested HIV Positive and immediately started on Anti-retroviral drugs at KIHEFO Health center. Over the next years, there has been an increases in ANC Attendance.

No. of women reached and tested for HIV before and after introducing Ultra-Sound Scan

■ Total ANC visits ■ Pregnant Women tested HIV+ for 1st time this pregnancy (TRR) at any visit



Total ANC visits at KIHEFO after introduction of Ultra Sound Scan



NEXT STEPS/CONTRIBUTION OF THE SOLUTION TO **THE HEALTH SYSTEM.**

In conclusion, the number of pregnant women reached for antenatal clinics and tested for HIV using Portable Ultra Sound Innovation was three times the number of women reached without Portable Ultra Sound Innovation. This innovation can be scaled up to reach out to as many pregnant women as possible and a good strategy that can lead to elimination of mother to child transmission of HIV.

