



Determinants of Fertility Intentions among HIV-1 Discordant couples in Rural Uganda

Stephen Asiimwe¹, Patrick K Mbusa², Kamara T Nicholas³, Elioda Tumwesigye⁴

1. Lead Investigator, 2 & 3. Co-Investigators, 4. Site PI



UNIVERSITY OF WASHINGTON INTERNATIONAL CLINICAL RESEARCH CENTER

KABWOHE CLINICAL RESEARCH CENTRE, P.O BOX 347, BUSHENYI (UGANDA) WWW.KCRC.OR.UG

BACKGROUND

Uganda is one of the countries with the highest fertility rates worldwide. Intention to have children among HIV-1 discordant couples has important implications on vertical transmission of HIV and heterosexual transmission to the negative partner. Findings of this ancillary study on Fertility Intention among HIV-1 sero-discordant couples, will enhance future counseling messages to HIV-1 discordant couples to facilitate better informed decision making about childbearing and HIV transmission heterosexually to the negative partner as well as vertically.

OBJECTIVES

- To elucidate the determinants of fertility intentions among HIV-1 discordant couples attending KCRC PrEP study clinic.
- To evaluate agreement and disagreement of Fertility Intention by gender and HIV-1 sero-status among the HIV-1 discordant couples.

STUDY POPULATION

HIV-1 discordant couples attending KCRC PrEP study clinic.

ELIGIBILITY CRITERIA

Inclusion Criteria

- Consenting HIV-1 discordant couples enrolled in the partners PrEP study
- Female partner of reproductive age (18-49 yrs)
- Non-pregnant at baseline
- Able to provide written informed consent

Exclusion Criteria

- HIV-1 discordant couples that have not consented for participation in the parent PrEP study.
- HIV-1 discordant couples that do not meet the inclusion criteria



CONCLUSION

Young persons in the 18-30 year category naturally will desire to have children among HIV discordant partnerships. This means young persons in discordant relationships remain at high risk of HIV acquisition and transmission

DESIGN



Discordant Couples

Intend to have at least one child in future

Intend NOT to have any child in future

Partners Agree (Same FI)

Partners Disagree (Different FI)

Endpoint: Determinants of Fertility Intention by demographics, serostatus and social history

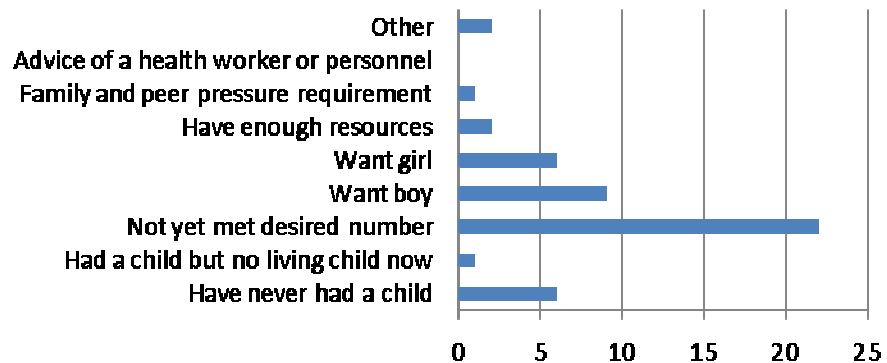
DESIGN

- Cross sectional and cohort study design on couples attending KCRC PrEP study clinic, Kabwohe
- Quarterly follow-ups and couple interviews over a 24 month period

PRELIMINARY DATA

N= 150 (75 COUPLES)	SERO STATUS	INTEND TO HAVE ANOTHER CHILD	DON'T INTEND TO HAVE ANOTHER CHILD
AGE GROUP (YEARS)			
18-30		17 (56.7%)	13 (43.3%)
31-40		13 (20%)	52 (80%)
>40		6 (10.9%)	49 (89.1%)
Males	Index	10	38
	Partner	9	18
Females	Index	7 (26%)	20 (74%)
	Partner	10 (20.8%)	38 (79.2%)
Partners Agree (Yes-Yes)		12 couples (16%)	
Partners Agree (No-No)		51 couples (68%)	
Partners Disagree		12 couples (16%)	

REASONS FOR WANTING ANOTHER CHILD



REASONS FOR NOT WANTING ANOTHER CHILD

