

**Web reference 7: Consistent condom negotiation behaviour and HIV knowledge
(mediating factors)**

Within group analysis								Between group analysis at follow-up P value^
Mediating factor	Intervention group			Mediating factor	Comparison group			
	Baseline (n=147)	Follow-up (n=147)	P value*		Baseline (n=155)	Follow-up (n=155)	P value*	
<u>Consistent condom negotiation behaviour</u>								
Vaginal sex with the following partners in the past month								
Paid partner (n= 126, baseline; n=128, follow-up)	56 (44.4)	95 (74.2)	<0.001	Paid partner (n= 141, baseline; n=139, follow-up)	61 (43.3)	57 (41.0)	0.69	<0.001
Casual partner (n= 103, baseline; n=97, follow-up)	43 (41.8)	64 (66.0)	<0.001	Casual partner (n= 122, baseline; n=121, follow-up)	54 (44.3)	52 (43.0)	1.00	0.001
Steady partner (n= 46, baseline; n=44, follow-up)	12 (26.1)	17 (38.6)	0.22	Steady partner (n= 54, baseline; n=54, follow-up)	11 (20.4)	9 (16.7)	0.63	0.02
Husband (n= 26, baseline; n=24, follow-up)	6 (23.1)	7 (29.2)	0.63	Husband (n= 17, baseline; n=17, follow-up)	4 (23.5)	3 (17.6)	1.00	0.48
Oral sex with the following partners in the past month								
Paid partner (n= 74, baseline; n=73, follow-up)	29 (39.2)	45 (61.6)	<0.001	Paid partner (n= 101, baseline; n=103, follow-up)	40 (39.6)	39 (37.9)	1.00	0.002
Casual partner (n= 69, baseline; n=65, follow-up)	28 (40.6)	36 (55.4)	0.02	Casual partner (n= 88, baseline; n= 92, follow-up)	34 (38.6)	36 (39.1)	1.00	0.04
Steady partner (n= 28, baseline; n=25, follow-up)	4 (14.3)	7 (28.0)	0.13	Steady partner (n= 37, baseline; n=38, follow-up)	4 (10.8)	5 (13.2)	1.00	0.43
Husband (n= 14, baseline; n=12, follow-up)	4 (28.6)	3 (25.0)	1.00	Husband (n= 15, baseline; n=15, follow-up)	2 (13.3)	2 (13.3)	1.00	0.63
Anal sex with the following partners in the past month								
Paid partner (n= 33, baseline; n=34, follow-up)	14 (42.4)	21 (61.8)	0.07	Paid partner (n= 53, baseline; n=53, follow-up)	28 (52.8)	27 (50.9)	0.63	0.32
Casual partner (n= 28, baseline; n=28, follow-up)	12 (42.9)	16 (57.1)	0.22	Casual partner (n= 50, baseline; n=50, follow-up)	25 (50.0)	26 (52.0)	1.00	0.66
Steady partner (n= 19, baseline; n=20, follow-up)	4 (21.1)	7 (35.0)	0.50	Steady partner (n= 23, baseline; n=23, follow-up)	7 (30.4)	7 (30.4)	1.00	0.75

Within group analysis								Between group analysis at follow-up
Intervention group				Comparison group				
Mediating factor	Baseline (n=147)	Follow-up (n=147)	P value*	Mediating factor	Baseline (n=155)	Follow-up (n=155)	P value*	P value^
Husband (n= 10, baseline; n=10, follow-up)	3 (30.0)	3 (30.0)	1.00	Husband (n= 7, baseline; n=8, follow-up)	3 (42.9)	2 (25.0)	1.00	1.00
<u>HIV knowledge</u>				<u>HIV knowledge</u>				
HIV-KQ-18 knowledge score, median (IQR) (n= 147, baseline; n=147, follow-up)	8 (5 – 11)	10 (7 – 14)	<0.001	HIV-KQ-18 knowledge score, median (IQR) (n= 155, baseline; n=155, follow-up)	7 (5 – 11)	8 (5 – 10)	0.24	<0.001

All figures in the table referred to frequency (percentage) unless otherwise indicated

"n" in the table refers to the number of participants who engaged in the specified sex with the specified partner

*The p-values were computed using McNemar test or McNemar Exact test (whichever appropriate) for categorical variables and Wilcoxon Signed-Rank Test for ordinal variables; participants who were lost to follow-up were excluded from the paired analysis.

^The p-values were computed using χ^2 test or Fisher Exact test (whichever appropriate) for categorical variables and Wilcoxon Rank Sum test for ordinal variables