

**Table 1. Selected Baseline Socio-Demographic Characteristics and Behaviors by Circumcision Status.**

<b>Characteristic<sup>1/</sup></b>	<b>Circumcision Group, N=1380</b> n (%)	<b>Control Group, N=1377</b> n (%)
Reported penile coital injuries in the past 6 months		
Penis ever sore during sex	653 (47.3)	660 (47.9)
Penis ever abraded, scratched, or cut during sex	674 (48.8)	654 (47.5)
Skin of penis ever bleeds after sex	233 (16.9)	228 (16.6)
Any penile coital injury	897 (65.0)	878 (63.8)
Reported age in years		
18-20	703 (50.9)	699 (50.8)
21-24	677 (49.1)	678 (49.2)
Marital status		
Not married or living with a female sex partner	1,298 (94.3)	1,299 (94.5)
Married or living with a female sex partner	79 ( 5.7)	75 ( 5.5)
Number of sex partners in the past 30 days		
0 or 1	1,143 (82.8)	1,167 (84.8)
2 or more	237 (17.2)	210 (15.2)
How many hours until you washed your penis after the last time you had sex?		
< 1 hour	302 (22.1)	288 (21.0)
≥ 1 hour	1,067 (77.9)	1,081 (79.0)
Preference for wet or dry vaginal sex*		
Wet	515 (37.7)	536 (39.2)
Dry	657 (48.0)	641 (46.9)
No difference	126 ( 9.2)	110 ( 8.1)
Don't know	70 ( 5.1)	79 ( 5.8)
Applied to substances to penis prior to sex, past 6 months		
Never	1,347 (97.7)	1,337 (97.2)
Ever	32 ( 2.3)	39 ( 2.8)
Woman applied substances to vagina prior to sex, past 6 months		
Never	1,101 (79.8)	1,106 (80.4)
Ever	21 ( 1.5)	17 ( 1.2)
Don't know	258 (18.7)	253 (18.4)
Painless or painful genital ulcer in past 6 months or currently (by report), or ulcer on exam		
No	1,329 (96.3)	1,327 (96.4)
Yes	51 ( 3.7)	50 ( 3.6)
HSV-2 Status at Baseline		
Seronegative	981 (71.1)	1,020 (74.1)
Seropositive	398 (28.9)	357 (25.9)

<sup>1/</sup> Sample sizes vary slightly by characteristic due to a few missing responses.

\*Analyzed as “Dry” versus “Other”.

**Table 2. Proportion of Men with Any Report of Penile Coital Injury by Time-Varying Characteristics by Study Visit.**

Explanatory Variables <sup>1</sup>	Baseline, n (%) N=2,757	Follow-up, n/N (%)			
		6-month, n (%) N=2,489	12-month, n (%) N=2,455	18-month, n (%) N=1,963	24-month, n (%) N=1,463
Circumcision status ^					
Uncircumcised	878 (63.8)	632 (49.5)	538 (43.4)	412 (41.5)	307 (42.7)
Circumcised	897 (65.0)	518 (43.0)	384 (32.0)	289 (30.1)	221 (30.1)
Married status					
Not married or living as married	1,659 (63.9)	1,050 (46.3)	814 (38.5)	580 (36.0)	425 (37.8)
Married or living as married	111 (72.1)	93 (44.5)	99 (31.8)	126 (35.8)	109 (32.3)
Condom use at last sexual encounter					
No condom used at last sexual encounter	1,010 (70.7)	468 (48.5)	381 (39.3)	315 (39.4)	259 (41.4)
Condom used at last sexual encounter	765 (57.6)	684 (45.0)	542 (36.5)	391 (33.6)	275 (32.8)
Number of sex partners in the past 30 days					
None or one	1,454 (62.9)	955 (44.7)	787 (36.9)	571 (33.8)	438 (34.2)
Two or more	321 (71.8)	198 (55.9)	137 (42.6)	135 (49.8)	96 (52.5)
How long until washed penis after the last time had sex					
One hour or longer	1,416 (65.9)	832 (48.1)	655 (39.4)	488 (38.0)	373 (39.4)
Less than one hour	348 (59.0)	316 (42.4)	269 (34.3)	216 (32.4)	159 (31.2)
Applied substances to penis prior to sex, past 6 months					
No	1,714 (63.9)	1,118 (45.8)	893 (37.1)	681 (35.5)	515 (36.0)
Yes	59 (83.1)	35 (77.8)	31 (70.5)	25 (59.5)	18 (60.0)
Painless or painful genital ulcer in past 6 months or currently (by report), or ulcer on exam					
No	1,690 (63.6)	1,129 (46.1)	905 (37.5)	690 (35.7)	519 (36.1)
Yes	85 (84.2)	21 (72.4)	16 (61.5)	10 (66.7)	8 (53.3)

<sup>1</sup> Sample sizes vary by characteristic due to missing responses.

^ Circumcision status at baseline is by assignment, and by status at follow-up.

**Table 3. Results of Multivariable GEE: Risks for Penile Coital Injuries Over Time**

<b>Variable*</b>	<b>Penis Ever Sore During Sex</b>  N=2,774 OR (95% CI)	<b>Skin of Penis Ever Bleeds After Sex</b>  N=2,780 OR (95% CI)	<b>Abrasions, Scratches, Cuts to Penis, Ever During Sex</b>  N=2,774 OR (95% CI)	<b>Any Injury to Penis During Sex Ever</b>  N=2,774 OR (95% CI)
Circumcision status Uncircumcised Circumcised	ref 0.71 (0.64 – 0.80)	ref 0.62 (0.51 – 0.75)	ref 0.52 (0.46 – 0.59)	ref 0.61 (0.54 – 0.68)
Reported age	1.06 (1.03 – 1.09)		1.05 (1.02 – 1.09)	1.07 (1.04 – 1.11)
Marital status Not married or living as married Married or living as married			ref 0.75 (0.64 – 0.87)	ref 0.76 (0.66 – 0.87)
Condom used at last sexual encounter No Yes	ref 0.86 (0.79 – 0.94)	ref 0.78 (0.68 – 0.89)	ref 0.75 (0.69 – 0.82)	ref 0.78 (0.71 – 0.85)
Number of sex partners, past 30 days 0 or 1 2 or more	ref 1.29 (1.15 – 1.45)	ref 1.50 (1.26 – 1.78)	ref 1.38 (1.22 – 1.55)	ref 1.38 (1.23 – 1.54)
How many hours until you washed your penis after the last time you had sex? ≥ 1 hour < 1 hour	ref 0.85 (0.77 – 0.93)		ref 0.87 (0.79 – 0.97)	ref 0.85 (0.78 – 0.93)
Applied substances to penis prior to sex, past 6 months No Yes	ref 1.95 (1.44 – 2.63)	ref 1.87 (1.29 – 2.72)	ref 2.28 (1.66 – 3.13)	ref 2.08 (1.54 – 2.83)
Painful or painless genital ulcer in past 6 months or currently (by report), or ulcer on exam No Yes	ref 1.59 (1.19 – 2.13)	ref 1.68 (1.16 – 2.45)	ref 1.90 (1.39 – 2.59)	ref 1.72 (1.24 – 2.37)
HSV-2 Status at Baseline Seronegative Seropositive	ref 1.26 (1.13 – 1.42)		ref 1.46 (1.29 – 1.65)	ref 1.37 (1.21 – 1.54)

<b>Variable*</b>	<b>Penis Ever Sore During Sex</b>  N=2,774 OR (95% CI)	<b>Skin of Penis Ever Bleeds After Sex</b>  N=2,780 OR (95% CI)	<b>Abrasions, Scratches, Cuts to Penis, Ever During Sex</b>  N=2,774 OR (95% CI)	<b>Any Injury to Penis During Sex Ever</b>  N=2,774 OR (95% CI)
Visit				
Baseline	ref	ref	ref	ref
6 Month Visit	0.69 (0.62 – 0.78)	0.77 (0.65 – 0.91)	0.71 (0.63 – 0.79)	0.65 (0.58 – 0.72)
12 Month visit	0.53 (0.47 – 0.60)	0.51 (0.43 – 0.62)	0.56 (0.50 – 0.63)	0.46 (0.41 – 0.52)
18 Month Visit	0.53 (0.47 – 0.60)	0.46 (0.38 – 0.57)	0.50 (0.44 – 0.57)	0.42 (0.37 – 0.47)
24 Month Visit	0.52 (0.46 – 0.60)	0.49 (0.39 – 0.62)	0.51 (0.44 – 0.58)	0.42 (0.37 – 0.48)

\* = All variables are time varying except for reported age at baseline and HSV-2 serostatus at baseline. OR = Odds Ratio; CI = Confidence Interval; ref = reference category  
The model for a specific outcome includes only those variables found to be significant in multivariate analysis. All variables presented are statistically significant by Holm correction. Odds ratios in each model are adjusted for all variables presented.