

Supplementary Table 6. Characteristics of 431 Participants with and without *Ureaplasma urealyticum* Separately by Sex of Sex Partners

Characteristic*	MSM			MSW		
	No UU N=160 n (%)	UU N=39 n (%)	P-value†	No UU N=176 n (%)	UU N=56 n (%)	P-value†
<i>Demographic</i>						
Gender						
Transgender	2 (1)	0 (0)	1.000	0 (0)	0 (0)	-
Cisgender	158 (99)	39 (100)		176 (100)	56 (100)	
Age, median (IQR)	31 (27-40)	29 (25-37)	0.255‡	32 (26-36)	33.5 (27-41)	0.278‡
Race						
White	104 (65)	27 (69)	0.181	94 (53)	31 (55)	0.857
Black	13 (8)	0 (0)		47 (27)	16 (29)	
Other/Multiple/Unknown	43 (27)	12 (31)		35 (20)	9 (16)	
Hispanic or Latino ethnicity						
Yes	33 (21)	6 (15)	0.573	16 (9)	4 (7)	0.380
No	122 (76)	33 (85)		155 (88)	48 (86)	
Unknown	5 (3)	0 (0)		5 (3)	4 (7)	
Education completed						
≤High School or GED	59 (37)	10 (26)	0.064	77 (44)	21 (39)	0.383
Some college	36 (23)	5 (13)		38 (22)	9 (17)	
College graduate	64 (40)	24 (62)		60 (34)	24 (44)	
<i>Behavioral</i>						
Number sex partners past 2 months, median (IQR)	3 (2-5)	4 (2-6)	0.230‡	2 (1-2)	2 (1-3)	0.672‡
New sex partner past 2 months	124 (79)	33 (87)	0.363	120 (69)	39 (71)	0.867
Behaviors at last sexual episode§						
Vaginal sex	-	-	-	165 (94)	55 (98)	0.304
Insertive oral sex	112 (71)	32 (82)	0.225	94 (54)	29 (52)	0.878
Insertive anal sex	85 (54)	30 (77)	0.011	5 (3)	0 (0)	0.339
Always uses condoms with last sex partner	38 (25)	3 (8)	0.026	38 (22)	9 (17)	0.447
<i>History</i>						
Reason for visit¶						
Urethral symptoms	72 (45)	22 (56)	0.215	75 (43)	22 (39)	0.756
Other symptoms	5 (3)	1 (3)	1.000	19 (11)	7 (13)	0.808
STD Testing	116 (73)	29 (74)	1.000	129 (74)	40 (71)	0.732
History of previous STD						
History of NGU	34 (21)	10 (27)	0.512	21 (12)	6 (11)	1.000
History of chlamydial infection	89 (56)	20 (54)	0.856	52 (30)	14 (25)	0.611
History of gonococcal infection	86 (54)	19 (51)	0.856	25 (14)	10 (18)	0.519
Known HIV-positive	10 (6)	5 (13)	0.179	0 (0)	0 (0)	-
HIV pre-exposure prophylaxis use¶	24 (16)	7 (21)	0.611	0 (0)	0 (0)	-
<i>Presentation</i>						
Urethral symptoms	89 (56)	26 (67)	0.278	84 (48)	25 (45)	0.759
Visible urethral discharge	90 (56)	27 (69)	0.151	80 (45)	26 (46)	1.000

Characteristic*	MSM			MSW		
	No UU N=160 n (%)	UU N=39 n (%)	P-value†	No UU N=176 n (%)	UU N=56 n (%)	P-value†
PMNs/HPF on a urethral Gram stain						
0-4	59 (37)	11 (28)	0.469	84 (48)	28 (50)	0.623
5-9	21 (13)	4 (10)		25 (14)	5 (9)	
≥10	80 (50)	24 (62)		67 (38)	23 (41)	
NGU	101 (63)	28 (72)	0.354	92 (52)	28 (50)	0.878
<i>Urethral pathogen detection</i>						
<i>Chlamydia trachomatis</i> (NAAT)	32 (20)	9 (23)	0.663	26 (15)	7 (13)	0.827
<i>Mycoplasma genitalium</i> (NAAT)	24 (15)	8 (21)	0.465	21 (12)	4 (7)	0.458
Herpes simplex virus (qPCR)	1 (1)	0 (0)	1.000	2 (1)	1 (2)	0.565
Adenovirus (qPCR)	5 (3)	0 (0)	0.585	2 (1)	1 (2)	0.565
<i>Trichomonas vaginalis</i> (qPCR)	1 (1)	0 (0)	1.000	11 (6)	2 (4)	0.739
<i>Mycoplasma penetrans</i> (qPCR)	12 (8)	6 (15)	0.129	2 (1)	3 (5)	0.092
<i>Haemophilus influenzae</i> (qPCR)	14 (9)	3 (8)	1.000	20 (11)	1 (2)	0.031

Abbreviation: GED, General Education Diploma; HIV, human immunodeficiency virus; HPF, high-power field; IQR, interquartile range; MSM, cisgender men who have sex with men only; MSW, cisgender men who have sex with women only; NAAT, nucleic acid amplification test; NGU, nongonococcal urethritis; PMN, polymorphonuclear leukocyte; STD, sexually transmitted disease; TGWSM, transgender women who have sex with men only; UU, *Ureaplasma urealyticum*.

*n=4 missing education completed, n=18 missing ever had sex with a man, n=32 missing ever had sex with an HIV+ partner, n=14 missing number sex partners past 2 months, n=7 missing new sex partner past 2 months, n=1 missing vaginal sex at last sex, n=4 missing insertive oral sex at last sex, n=4 missing insertive anal at last sex, n=13 missing recent condom use with last sex partner, n=1 missing reason for visit is STD testing, n=4 missing history of NGU, n=4 missing history of chlamydial infection, and n=3 missing history of gonococcal infection. Participants with missing herpes simplex virus and adenovirus test results (n=16) were assumed to be negative for both pathogens.

†Fisher's exact test unless otherwise specified. Bold indicates significance at alpha=0.05 level.

‡Wilcoxon rank-sum test.

§Not mutually exclusive categories.

*Multiple reasons for visit possible. Other symptoms include genital lesions/rash, non-genital rash, anorectal symptoms, testicular symptoms, oral/pharyngeal symptoms, and other symptoms.

‡Among participants who were not known to be HIV-positive.