

Supplementary Table 4. Characteristics of 431 Participants with and without *Mycoplasma penetrans* Separately by Sex of Sex Partners

Characteristic*	MSM			MSW		
	No MP N=181 n (%)	MP N=18 n (%)	P-value†	No MP N=227 n (%)	MP N=5 n (%)	P-value†
<i>Demographic</i>						
Gender						
Transgender	2 (1)	0 (0)	1.000	0 (0)	0 (0)	-
Cisgender	179 (99)	18 (100)		227 (100)	5 (100)	
Age, median (IQR)	30 (27-40)	30 (27-36)	0.674‡	32 (27-37)	30 (29-33)	0.893‡
Race						
White	118 (65)	13 (72)	0.915	123 (54)	2 (40)	0.316
Black	12 (7)	1 (6)		60 (26)	3 (60)	
Other/Multiple/Unknown	51 (28)	4 (22)		44 (19)	0 (0)	
Hispanic or Latino ethnicity						
Yes	36 (20)	3 (17)	1.000	20 (9)	0 (0)	1.000
No	140 (77)	15 (83)		198 (87)	5 (100)	
Unknown	5 (3)	0 (0)		9 (4)	0 (0)	
Education completed						
≤High School or GED	65 (36)	4 (22)	0.306	95 (42)	3 (60)	0.845
Some college	35 (19)	6 (33)		46 (21)	1 (20)	
College graduate	80 (44)	8 (44)		83 (37)	1 (20)	
<i>Behavioral</i>						
Number sex partners past 2 months, median (IQR)	3 (2-5.5)	3 (3-5)	0.418‡	2 (1-2)	2 (2-2)	0.399‡
New sex partner past 2 months	140 (79)	17 (94)	0.207	156 (70)	3 (60)	0.643
Behaviors at last sexual episode§						
Vaginal sex	-	-	-	215 (95)	5 (100)	1.000
Insertive oral sex	130 (73)	14 (78)	0.785	118 (52)	5 (100)	0.062
Insertive anal sex	102 (57)	13 (72)	0.316	5 (2)	0 (0)	1.000
Always uses condoms with last sex partner	35 (20)	6 (35)	0.210	47 (21)	0 (0)	0.586
<i>History</i>						
Reason for visit¶						
Urethral symptoms	79 (44)	15 (83)	0.002	95 (42)	2 (40)	1.000
Other symptoms	6 (3)	0 (0)	1.000	26 (11)	0 (0)	1.000
STD Testing	134 (74)	11 (61)	0.269	165 (73)	4 (80)	1.000
History of previous STD						
History of NGU	41 (23)	3 (17)	0.768	27 (12)	0 (0)	1.000
History of chlamydial infection	100 (56)	9 (50)	0.628	65 (29)	1 (20)	1.000
History of gonococcal infection	95 (53)	10 (56)	1.000	35 (15)	0 (0)	1.000
Known HIV-positive	14 (8)	1 (6)	1.000	0 (0)	0 (0)	-
HIV pre-exposure prophylaxis use¶	28 (17)	3 (18)	1.000	0 (0)	0 (0)	-
<i>Presentation</i>						
Urethral symptoms	98 (54)	17 (94)	0.001	105 (46)	4 (80)	0.190
Visible urethral discharge	100 (55)	17 (94)	0.001	103 (45)	3 (60)	0.662
PMNs/HPF on a urethral Gram stain						
0-4	69 (38)	1 (6)	0.001	111 (49)	1 (20)	0.163
5-9	25 (14)	0 (0)		28 (12)	2 (40)	
≥10	87 (48)	17 (94)		88 (39)	2 (40)	

Characteristic*	MSM			MSW		
	No MP N=181 n (%)	MP N=18 n (%)	P-value†	No MP N=227 n (%)	MP N=5 n (%)	P-value†
NGU	112 (62)	17 (94)	0.004	116 (51)	4 (80)	0.371
<i>Urethral pathogen detection</i>						
<i>Chlamydia trachomatis</i> (NAAT)	38 (21)	3 (17)	1.000	32 (14)	1 (20)	0.539
<i>Mycoplasma genitalium</i> (NAAT)	32 (18)	0 (0)	0.084	25 (11)	0 (0)	1.000
Herpes simplex virus (qPCR)	1 (1)	0 (0)	1.000	3 (1)	0 (0)	1.000
Adenovirus (qPCR)	5 (3)	0 (0)	1.000	3 (1)	0 (0)	1.000
<i>Trichomonas vaginalis</i> (qPCR)	1 (1)	0 (0)	1.000	13 (6)	0 (0)	1.000
<i>Haemophilus influenzae</i> (qPCR)	17 (9)	0 (0)	0.374	20 (9)	1 (20)	1.000
<i>Ureaplasma urealyticum</i> (qPCR)	33 (18)	6 (33)	0.129	53 (23)	3 (60)	0.092

Abbreviation: GED, General Education Diploma; HIV, human immunodeficiency virus; HPF, high-power field; IQR, interquartile range; MP, *Mycoplasma penetrans*; 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.

*n=4 missing education completed, n=18 missing ever had sex with a man, n=32 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.