Cell Reports Medicine, Volume 4

### **Supplemental information**

### Sexual behavior shapes male

#### genitourinary microbiome composition

Evelyn Toh, Yue Xing, Xiang Gao, Stephen J. Jordan, Teresa A. Batteiger, Byron E. Batteiger, Barbara Van Der Pol, Christina A. Muzny, Netsanet Gebregziabher, James A. Williams, Lora J. Fortenberry, J. Dennis Fortenberry, Qunfeng Dong, and David E. Nelson

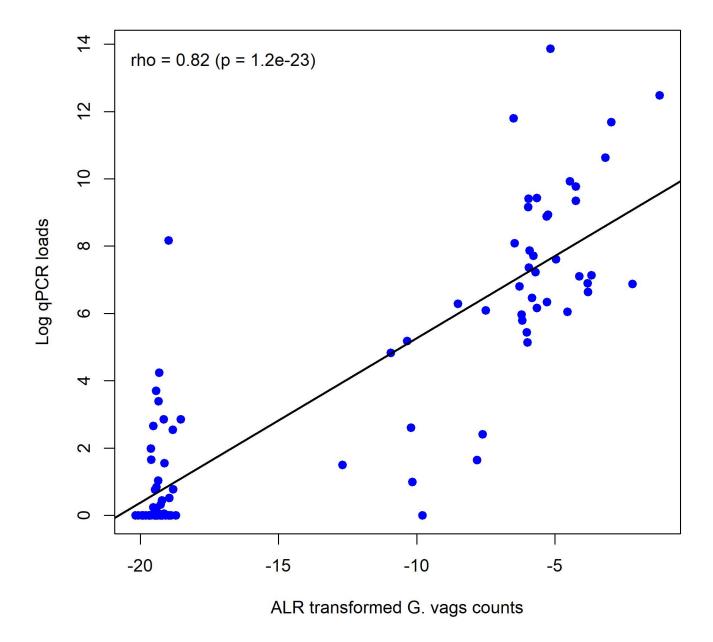
#### **Supplemental Information.**

#### **Supplementary Table S1, related to Figure 1. IUMP Study Participant Characteristics (N = 110)**

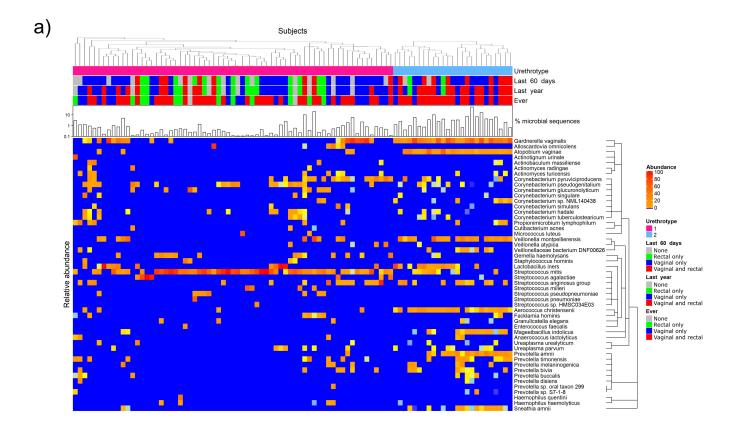
Characteristics	N (%)
Age, median (IQR)	28.7 (24.5–36.8)
Race	
Black/African American	38 (35%)
White	58 (53%)
Other	14 (13%)
Ethnicity	
Non-Hispanic	98 (89%)
Hispanic	12 (11%)
Self-reported sexual orientation	
Heterosexual	75 (68%)
MSM	22 (20%)
Other	13 (12%)
Prior self-reported history of STI	
Chlamydia (N = 106)	33 (31%)
Gonorrhea (N = 106)	26 (25%)
Trichomoniasis (N = 107)	5 (5%)
Herpes (N = 105)	5 (5%)
Syphilis (N = 105)	5 (5%)
NGU (N = 105)	11 (10%)
Genital warts (N = 107)	7 (7%)
Vaginal sex, most recent	
Never	15 (14%)
Within prior 60 days	71 (65%)
Within prior 1 year	8 (7%)
Lifetime/more than prior 1 year	15 (14%)
Received oral sex, most recent	
Never	1 (1%)
Within prior 60 days	90 (82%)
Within prior 1 year	9 (8%)
Lifetime/more than prior 1 year	10 (9%)
Insertive anal sex, most recent	
Never	29 (26%)
Within prior 60 days	41 (37%)
Within prior 1 year	13 (12%)
Lifetime/more than prior 1 year	27 (25%)
Reason for visit	
Diagnosed with STI	1 (1%)
Genital symptoms	3 (3%)
Worried about STI	21 (19%)
Partner diagnosed with STI	5 (5%)
General checkup/other	80 (73%)

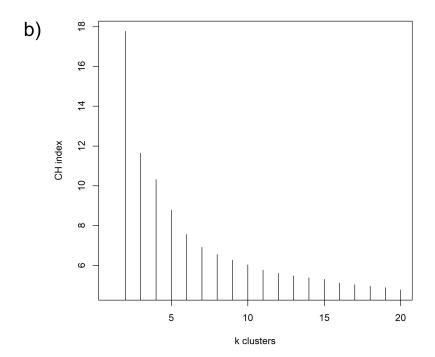
**Supplementary Table S2, related to Table 1 and STAR Methods:** Temporal Odds Ratios of microorganisms that are significantly associated with vaginal sex at three-time intervals.

Taxa	Time	OR	CI2.5	CI97.5
Actinomyces radingae	Ever	0.0779	0.0065	0.9271
Aerococcus christensenii	1yr	4.381	1.1898	16.1309
Aerococcus christensenii	60d	4.3514	1.3508	14.017
Atopobium vaginae	1yr	4.381	1.1898	16.1309
Atopobium vaginae	60d	3.1263	1.052	9.2907
Corynebacterium glucuronolyticum	1yr	0.2714	0.0812	0.9069
Corynebacterium glucuronolyticum	60d	0.2727	0.0808	0.92
Cutibacterium acnes	Ever	0.0779	0.0065	0.9271
Gardnerella vaginalis	1yr	11.7949	3.2129	43.3004
Gardnerella vaginalis	60d	6.971	2.4912	19.5067
Gardnerella vaginalis	Ever	35.5352	2.0476	616.6845
Haemophilus parainfluenzae	Ever	0.0965	0.0145	0.6436
Haemophilus sp. HMSC71H05	Ever	0.0779	0.0065	0.9271
Lactobacillus iners	1yr	6.4186	1.3916	29.6059
Lactobacillus iners	60d	3.7692	1.1648	12.1968
Mageeibacillus indolicus	60d	10.3333	1.297	82.3244
Prevotella amnii	1yr	8.6735	1.0906	68.978
Prevotella amnii	60d	5.4545	1.1676	25.481
Staphylococcus hominis	Ever	0.0965	0.0145	0.6436
Streptococcus anginosus group	1yr	4.1008	1.1117	15.1272
Ureaplasma parvum	60d	20.2688	1.1671	352.0132
Veillonella montpellierensis	1yr	4.9833	1.3574	18.2944
Veillonella montpellierensis	60d	5	1.5571	16.0554

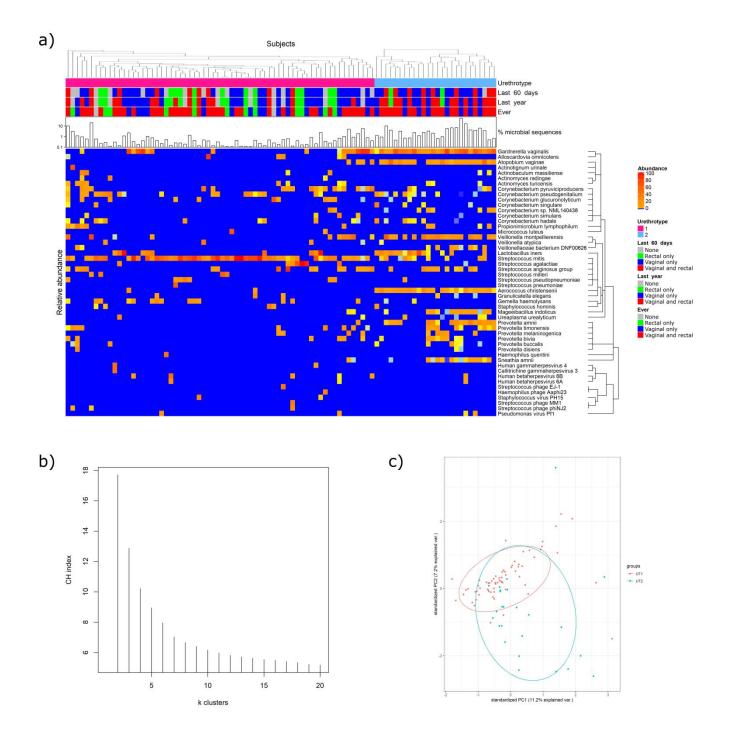


**Supplementary Figure 1, Related to Figure 3 and STAR Methods**: The Spearman's correlation coefficient of *Gardnerella vaginalis* QPCR genome counts and corresponding WGS reads illustrates strong positive correlations, validating the ALR transformation approach.





Supplementary Figure 2, Related to Figure 3 and STAR Methods: Clustering results based on Euclidian distance using CLR-transformed data reveals two urethrotype clusters. A) Heatmap of CLR-transformed proportions of the top 50 most abundant microbial taxa found in the PU specimens of 92 participants reveals two UT clusters UT1 and UT2. Metadata at the top of the heat map include type of sexual activity (none, rectal only, vaginal only, vaginal and rectal sex) in specific time intervals (last 60 days, last 1 year, lifetime) and urethrotypes (UT1 = pink, UT2 = blue). The bar graph depicts the absolute abundance of microbial sequences on a log scale. The intensity of the red scale bar correlates with the relative abundance of a given species. Darker red indicates higher relative abundance, B) CH index analysis was used to determine the optimal number of UT clusters.



Supplementary Figure 3, Related to Figure 3 and STAR Methods: Clustering results based on Euclidian distance using ALR-transformed data reveals two urethrotype clusters. A) Heatmap of ALR-transformed proportions of the top 50 most abundant microbial taxa found in PU specimens from 92 participants reveals two UT clusters UT1 and UT2. Metadata at the top of the heat map include type of sexual activity (none, rectal only, vaginal only, vaginal and rectal sex) in specific time intervals (last 60 days, last 1 year, lifetime) and urethrotypes (UT1 = pink, UT2 = blue). The bar graph depicts the absolute abundance of microbial sequences on a log scale. The intensity of the red scale bar correlates with the relative abundance of a given species. Darker red indicates higher relative abundance, B) CH index analysis was used to determine the optimal number of UT clusters, C) Relationships among communities visualized by principal component analysis based on bacterial ALR abundance.



# **Clinical History- Research Nurse**

Record ID	
[To AVOID DUPLICATES ALWAYS FIRST CHECK the Report 'Participant Identifiers And Time Point (Baseline/Followup)']	(ALWAYS FIRST CHECK the Report 'Participant Identifiers And Time Point (Baseline/Followup)' )
Visit	
<ul><li>○ Baseline</li><li>○ Follow up</li><li>○ Second Follow up</li></ul>	
Data Form being filled by	
0000000	
Please specify other not listed	
Is this participant a case or control?	
Case	
○ Control	
Visit Date	
(MM/DD/YYYY)	
1. Are you having eye symptoms?	
○ No ○ Yes	
2. If yes, what eye symptoms are you having?	
☐ Erythema ☐ Pain, please describe: ☐ Blurry vision ☐ Increased tearing ☐ Discharge, please describe: ☐ Other, please describe:	
2a.Please describe pain	

**REDCap**°

2b.Please describe discharge
2c.Please specify other not listed
3. Are you having throat symptoms?
○ No ○ Yes
4. If yes, what throat symptoms are you having?
☐ Sore throat ☐ Erythema ☐ Difficulties swallowing ☐ Swollen tonsils ☐ Exudate ☐ Other, please describe:
4a.Please specify other not listed
5. Are you having any abdominal symptoms?
○ No ○ Yes
6. If yes, what abdominal symptoms are you having?
<ul> <li>□ Abdominal pain, describe (location and characteristics of the pain):</li> <li>□ Diarrhea</li> <li>□ Bloody stools</li> <li>□ Nausea</li> <li>□ Vomiting</li> <li>□ Other, please describe</li> </ul>
6a.Please specify other not listed
6b. Please describe location of abdominal pain
6c. Please describe characteristics of the abdominal pain



7. Are you having penile/urethral symptoms?
○ No ○ Yes
8. If yes, what penile/urethral symptoms are you having?
<ul> <li>□ Burning or tingling</li> <li>□ Itching</li> <li>□ Dysuria (pain when you pee)</li> <li>□ Erythema around meatus</li> <li>□ Discharge</li> <li>□ Lesions</li> <li>□ Other, please describe</li> </ul>
8a.Please specify number of Lesions
○ 1 - 5   ○ 6 - 10   ○ >10
8b.Please specify other not listed
9. Are you having scrotal/testicular symptoms?
○ No ○ Yes
10. If yes, what scrotal/testicular symptoms are you having?
<ul> <li>□ Pain</li> <li>□ Lesions</li> <li>□ 'Bumps' or masses, describe (right or left or both sides, painful vs not painful):</li> <li>□ Swelling, describe (right or left or both sides):</li> <li>□ Other, please describe</li> </ul>
10a.Please specify other not listed
10b.Please describe side of 'Bumps' or masses
<ul><li>○ Right side</li><li>○ Left side</li><li>○ Both right and left side</li></ul>
10c.Please describe pain of 'Bumps' or masses
<ul><li>○ Painful</li><li>○ Not painful</li></ul>

10d.Please indicate where swelling
<ul><li>○ Right side</li><li>○ Left side</li><li>○ Both right and left side</li></ul>
11. Are you having anal/rectal/butt symptoms?
○ No ○ Yes
12. If yes, what anal/butt symptoms are you having?
<ul> <li>□ Discharge</li> <li>□ Bleeding</li> <li>□ Pain, describe (all the time, with defecation,etc):</li> <li>□ Other, please describe</li> </ul>
12a.Please specify other not listed
12b. Please describe the pain
<ul><li>○ All the time</li><li>○ With defecation</li><li>○ Other</li></ul>
12b. Please describe the pain other not described above
13. Are you having any problems with your skin?
○ No ○ Yes
14. If yes, what problems with your skin are you having?
☐ Rash, please describe (time frame ongoing): ☐ Dryness ☐ Pruritis ☐ Other, please describe
14a.Please specify other not listed
14b.Please indicate start date of rash
(MM/DD/YYYY)



14c.Did the rash stop or is it ongoing?
<ul><li>○ Rash stopped</li><li>○ Rash ongoing</li></ul>
14d.Please indicate stop date of rash
(MM/DD/YYYY)



### **Clinical Examination - Research Nurse**

Visit	<ul><li>○ Baseline</li><li>○ Follow up</li></ul>
Data Form being filled by	
Please specify other reason not listed	
Visit Date	
(MM/DD/YYYY)	
Eyes:	
<ul> <li>WNL</li> <li>□ Conjunctival injection (right, left, bilateral)</li> <li>□ Tearing (right, left, bilateral)</li> <li>□ Discharge (right, left, bilateral; color, quantity)</li> <li>□ Other findings (please describe):</li> </ul>	
Eyes:Conjunctival injection	
<ul><li>○ right</li><li>○ left</li><li>○ bilateral</li></ul>	
Eyes:Tearing	
○ right ○ left ○ bilateral	
Eyes:Discharge	
<ul><li> right</li><li> left</li><li> bilateral</li></ul>	
Eyes: Discharge color	
<ul><li>○ Watery/clear</li><li>○ Purulent</li><li>○ Other</li></ul>	

**REDCap**°

Please specify other not listed
Eyes: Discharge quantity
<ul><li>○ Small</li><li>○ Moderate</li><li>○ Copious</li></ul>
Eyes: Please describe other not listed
Oropharynx:
<ul> <li>□ WNL</li> <li>□ Erythema</li> <li>□ Ulceration</li> <li>□ Exudates</li> <li>□ Lesions</li> <li>□ Other findings (please describe):</li> </ul>
Please describe other oropharynx not listed
Pubic hair:
☐ WNL ☐ Nits ☐ Other, please describe
Pubic hair WNL:
<ul><li>○ Normal</li><li>○ Shaved</li><li>○ Waxed</li></ul>
Pubic hair Nits:
○ No ○ Yes
Pubic Hair: Please describe other not listed



Penis:
<ul> <li>WNL</li> <li>Discharge</li> <li>Meatal erythema</li> <li>Lesions</li> <li>Other, please describe</li> </ul>
Penis: WNL
<ul><li>○ Circumcised</li><li>○ Uncircumcised</li></ul>
Penis: Discharge
<ul> <li>None</li> <li>Minimal (with stripping only)</li> <li>Moderate</li> <li>Copious</li> <li>Clear</li> <li>Yellow/green</li> <li>White</li> </ul>
Penis: Discharge
<ul> <li>None</li> <li>Minimal (with stripping only)</li> <li>Small</li> <li>Moderate</li> <li>Copious</li> </ul>
Penis: Discharge Color
<ul><li>○ Clear</li><li>○ Yellow/green</li><li>○ White</li></ul>
Penis: Meatal erythema
○ No ○ Yes
Penis: Lesions
<ul> <li>None</li> <li>Ulceration</li> <li>Genital warts</li> <li>Erythema</li> <li>Edema</li> <li>Other (describe):</li> </ul>
Penis: Please specify other for lesions not described above
Penis: Please specify other for not described above



Penis: Location of lesions
☐ Peri-meatal ☐ Shaft ☐ Scrotum ☐ Suprapubic area ☐ Inguinal region ☐ N/A
Penis: Number of lesions
○ 1 - 5     ○ 6 - 10     ○ >10
Scrotum and contents:
<ul> <li>WNL</li> <li>Epididymal tenderness</li> <li>Testicular tenderness</li> <li>Testicular mass</li> <li>Swelling</li> <li>Other, please describe</li> </ul>
Scrotum and contents:Epididymal tenderness
<ul><li>○ Right</li><li>○ Left</li><li>○ Bilateral</li><li>○ None</li></ul>
Scrotum and contents:Testicular tenderness
<ul><li>○ Right</li><li>○ Left</li><li>○ Bilateral</li><li>○ None</li></ul>
Scrotum and contents:Testicular mass
<ul><li>○ Right</li><li>○ Left</li><li>○ Bilateral</li><li>○ None</li></ul>
Scrotum and contents:Swelling
Right Left Bilateral None
Scrotum and contents: Please list other not listed above



External rectal exam:
<ul><li>□ WNL</li><li>□ Discharge, describe (color, quantity):</li><li>□ Erythema</li><li>□ Lesion</li></ul>
External rectal exam: Discharge Color
<pre>watery/clear mucoid purulent</pre>
External rectal exam: Discharge Color
<ul><li>∫ small</li><li>∫ moderate</li><li>∫ copious</li></ul>
External rectal exam: Lesion
<ul><li>None</li><li>Ulceration (describe)</li><li>Warts (describe)</li><li>External hemorrhoid</li></ul>
External rectal exam: Number of Lesion
○ 1 - 5     ○ 6 - 10     ○ > 10
Skin:
<ul><li>WNL</li><li>□ Rash, describe:</li><li>□ Erythema</li><li>□ Other, please describe</li></ul>
Skin: Please describe other not listed
Inquired Lymph Nodoc:
Inguinal Lymph Nodes:  WNL (not palpable) Nodes felt (describe size, tenderness) Other, please describe
Inguinal Lymph Nodes: describe size

Inguinal Lymph Nodes: Tenderness	
○ No ○ Yes	
Inguinal Lymph Nodes: Please describe other not listed	
Bell Flower Urethral swab Gram Stain results	
<ul> <li>None recorded</li> <li>&lt; 2 WBCs, no GNID.</li> <li>2-4 WBCs, no GNID.</li> <li>&lt; 5 WBCs, no GNID.</li> <li>&gt; 5 WBCs, no GNID.</li> <li>&gt; 5 WBCs, positive for GNID.</li> </ul>	
Bell Flower Results	
<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>	
Study Samples Obtained:Remainder swab from initial urethral s	wab for Gram's stain
○ No ○ Yes	
Study Samples Obtained:Urethral swab for Microbiome	
○ No ○ Yes	
Study Samples Obtained: First catch urine after swabs obtained	d
○ No ○ Yes	
Study Samples Obtained: Saliva sample in collection kit (if subj	ect consented)
○ No ○ Yes	
Study Samples Obtained: rectal swab (if subject consented)	
○ No ○ Yes	
If yes rectal swab obtained, who obtained it?	Participant obtained     Clinician obtained

Treatment Provided
<ul> <li>□ Azithromycin 1000 mg orally directly observed in clinic</li> <li>□ Doxycycline 100 mg bid orally for 7 days</li> <li>□ Metronidazole 2 g orally directly observed in clinic</li> <li>□ None (controls)</li> <li>□ Other (specify):</li> </ul>
Please specify other not listed
Date and Time for Follow Up Appointment (cases only)
(MM/DD/YYYY)



Page 13

## **Enrollment Questionnaire Cases and Controls**

Please complete the survey below.
Thank you!
1. Date of Visit
(MM/DD/YYYY)
2. How old are you?
(in years)
3. What is your birthdate?
(MM/DD/YYYY)
4. What is your race?
<ul> <li>American Indian or Alaskan Native</li> <li>Asian</li> <li>Black or African American</li> <li>Native Hawaiian or other Pacific Islander</li> <li>White</li> <li>More than one race</li> <li>Other</li> </ul>
4a. Please specify other
<ul> <li>5. This is about Hispanic ethnicity. Are you of Spanish, Hispanic, or Latino descent?</li> <li>No, I am not</li> <li>Yes, Mexican, Mexican-American Chicano</li> <li>Yes, Puerto Rican</li> <li>Yes, Cuban</li> <li>Yes, Central American</li> <li>Yes, South American</li> <li>Yes, Caribbean</li> <li>Yes, Other Spanish/Hispanic/Latino</li> </ul>
6a. Which of the following best describes your current relationship status?
<ul> <li>Single and not dating</li> <li>Single and dating/hanging out with someone</li> <li>In a relationship but not living together</li> <li>Living together but not married</li> <li>Married and living together</li> <li>Married but not living together</li> </ul>

6b. Is your current dating/relationship partner a:
<ul><li>○ Man</li><li>○ Woman</li></ul>
7. What is the highest level of education you completed (how much school did you complete)?
No school or kindergarten  1st grade  2nd grade  3rd grade  4th grade  5th grade  6th grade  7th grade  8th grade  9th grade  10th grade  11th grade  12th grade/High school diploma/GED  Vocational school (i.e. technical/secretarial/business)  1 year of college  2 years of college  3 years of college  Graduated from college with a 4year degree  At least some graduate work  Completed a graduate degree
8. Are you currently a student?
○ No ○ Yes
9. Do you currently have a job?
○ No ○ Yes
10. What is the ZIP code of the area where you currently live?
11. What is the main reason you came to the clinic today?
[Please select the one answer on the list below that comes closest to your main reason for coming]
<ul> <li>I am having genital symptoms (discharge from my penis, frequent or painful urination; burning/stinging/tingling/itching of the opening of my penis)</li> <li>I am worried that I might have a sexually transmitted infection</li> <li>I am a sexual partner of a person who has been diagnosed with a sexually transmitted infection</li> <li>I had a sexually transmitted infection and the doctor asked me to come back to be checked or treated</li> <li>I am here for a routine check to be tested for a sexually transmitted infection</li> <li>I need a general check-up-and physical exam</li> <li>Other [please describe]</li> </ul>
11a. Please specify other



12. Are there other reasons you came toda	ay?	
12a. I am having genital symptoms (discharge from my penis, frequent or painful urination; burning/stinging/tingling/itching of the opening of my penis	No O	Yes
12b. I am worried that I might have a sexually transmitted infection	0	0
12c. I am a sexual partner of a person who has been diagnosed with a sexually transmitted infection	0	0
12d. I had a sexually transmitted infection and the doctor asked me to come back to be checked or treated	0	
12e. I am here for a routine check to be tested for a sexually transmitted infection	0	0
12f. I need a general check-up and physical exam	0	0
12g. Other [please describe]	0	0
12g.Please specify other		
13. If you are having genital symptoms too	day, when did you first notice tha	ut something was wrong?
<ul> <li>Three days ago or less</li> <li>Four to seven days ago (more than 3 do</li> <li>Seven to fourteen days (1-2 weeks)</li> <li>More than fourteen days ago (2 weeks)</li> <li>Don't remember</li> </ul>		
14. Have you ever smoked cigarettes?		
○ No ○ Yes		
14a. How many years did you smoke ciga	rettes?	
(years)		

14b. Do you currently smoke cigar	rettes?			
○ No ○ Yes				
14c. How many packs per day?				
(per day)				
15. Have you ever consumed alco	nol?			
○ No ○ Yes				
15a. Do you currently drink alcoho	I?			
○ No ○ Yes				
15b. On average, how often do yo wine, or 1 shot of liquor.	u have drinks containing alcohol? One dri	nk equals 1 bottle/glass of beer, 1 glass of		
<ul> <li>Never</li> <li>Monthly or less</li> <li>2-4 times a month</li> <li>2-3 times a week</li> <li>4 or more times a week</li> <li>Don't know</li> <li>Would prefer not to answer</li> </ul>				
15c. If you no longer drink alcohol	, when did you quit drinking alcohol?			
16. Have you used any of the follo	wing substances in the past 30 days?			
16a. Marijuana	No ()	Yes		
16b. Methamphetamine	0	0		
16c. Cocaine	0	0		
16d.Crack	$\circ$	$\circ$		
16e. Heroin	$\circ$	$\bigcirc$		
16f. PCP	$\circ$	$\circ$		
16g. Prescription pain medications	0	0		
16h. Other	0	0		
16g. Please specify other not listed	d above			

17. Whether you wanted to or not, how old were you when you engaged in sexual activity with another person for the first time?
(in years)
17a. Any comments concerning question '17. Whether you wanted to or not, how old were you when you engaged in sexual activity with another person for the first time?'?
18. How many sex partners have you had in your whole life?
(if unknown enter 999)
19. How many sex partners have you had in the past 12 months?
(if unknown enter 999)
20. How many sex partners have you had in the past 2 months (60 days)?
(if unknown enter 999)
21. How many new sex partners have you had in the past 2 months (60 days)?
(if unknown enter 999)
22. Have you ever been treated for a sexually transmitted disease (STD), which is also known as a venereal disease (VD)?
<ul><li>○ No</li><li>○ Yes</li><li>○ Don't know</li></ul>
23. If you have been treated for a sexually transmitted disease or STD, was this within the last 2 months (60 days)?
<ul><li>○ No</li><li>○ Yes</li><li>○ Don't know</li></ul>

Have you ever been told by a doctor or nurse that you had:



				Page 18
24 611 1	No		Yes	
24a. Chlamydia			C	
24b.Gonorrhea			C	
24c.Trichomonas		_	C	
24d.Herpes			C	
24e. Syphilis			C	)
24f. NGU (non-gonococcal urethritis)		)		)
24g. Genital warts			C	)
How recently have you engaged in	n the following sexual	behaviors with a fe	male partner?	
	Done in past 60 days (two months)	Done in past year	Done during my lifetime (more than a year ago)	Never done this
25a) Masturbated with a woman	$\circ$	$\bigcirc$	$\circ$	$\circ$
25b. I put my mouth on a woman's vagina, vulva, genitals ("giving oral sex")	0	0	0	0
25c. A woman put her mouth on my penis, genitals ("receiving oral sex")	0	0	0	0
25d. I used a condom while receiving oral sex from a woman	$\circ$	0	0	$\circ$
25e. I put my penis in a woman's vagina ("penile-vaginal sex")	0	0	0	0
25f. I used a condom during vaginal sex with a woman	$\circ$	0	0	0
25g. I put my penis in a woman's anus (butthole) ("anal sex")	$\circ$	0	0	0
25h. I used a condom during anal sex with a woman	0	0	$\circ$	$\circ$
25i. I put my mouth on a woman's anus/butthole? ("oral-anal sex," rimming)	0	0	0	0
25j. A woman put her mouth on my anus/butthole? ("oral-anal sex," rimming)	0	0	0	0
25k. Does your partner place her finger into or on your anus/butthole while engaging in sex?	0	0	0	0

REDCap<sup>®</sup>

25l.Do you or your partner place a sex toy (vibrator, butt plug, anal beads) into or on your anus/butthole while engaging in sex?	O	O	O	O
26. If you have had penile-vaginal did you use a condom?	sex, of the last 10 tim	nes that you had per	nile-vaginal sex, how m	any of those times
<ul> <li>Every Time (10 out of 10 times)</li> <li>9 out of 10 times</li> <li>8 out of 10 times</li> <li>7 out of 10 times</li> <li>6 out of 10 times</li> <li>5 out of 10 times</li> <li>4 out of 10 times</li> <li>3 out of 10 times</li> <li>2 out of 10 times</li> <li>1 out of 10 times</li> <li>Never (0 out of 10 times)</li> </ul>	;)			
27. If you have had anal sex, of th condom?	ne last 10 times that yo	ou had anal sex, how	v many of those times o	did you use a
<ul> <li>Every Time (10 out of 10 times)</li> <li>9 out of 10 times</li> <li>8 out of 10 times</li> <li>7 out of 10 times</li> <li>6 out of 10 times</li> <li>5 out of 10 times</li> <li>4 out of 10 times</li> <li>3 out of 10 times</li> <li>2 out of 10 times</li> <li>1 out of 10 times</li> <li>Never (0 out of 10 times)</li> </ul>	5)			
28. How recently have you engag				Name dans this
	Done in past 60 days (two months)	Done in past year	Done during my lifetime (more than a year ago)	Never done this
28a. Masturbated with a man	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
28b. I put my mouth on a man's penis, genitals ("giving oral sex")	0	0	0	0
28c. A man put his mouth on my penis, genitals ("receiving oral sex")	0	0	0	0
28d. I used a condom during oral sex with a man	0	0	0	0
28e. I put my penis in a man's anus (butthole) ("insertive anal sex")	0	0	0	0

Page 20

28f. I used a condom during insertive anal sex with a man	0	0	0	0
28g. A man put his penis in a my anus (butthole) ("receptive anal sex")	0	0	0	0
28h. I used a condom during receptive anal sex with a man	0	0	0	0
28i. I put my mouth on a man's anus/butthole? ("oral-anal sex," rimming)	0	0	0	0
28j. A man put his mouth on my anus/butthole? ("oral-anal sex," rimming)	0	0	0	0
28k. I used pre-exposure prophylaxis (PrEP) (routine medication to prevent HIV infection, taken daily)	0	0	0	0
28I. I used post-exposure prophylaxis (PEP) (temporary medication to prevent HIV infection, taken after I might have been exposed to HIV)	0	0	0	0
28m. Does your partner place his finger into or on your anus/butthole while engaging in sex?	0	0	0	0
28n. Do you or your partner place a sex toy (vibrator, butt plug, anal beads) into or on your anus/butthole while engaging in sex?	0	0	0	0
29. If you have insertive anal sex wi how many of those times did you us		st 10 times that you p	ut your penis in a ma	n's anus/butthole,
<ul> <li>Every Time (10 out of 10 times)</li> <li>9 out of 10 times</li> <li>8 out of 10 times</li> <li>7 out of 10 times</li> <li>6 out of 10 times</li> <li>5 out of 10 times</li> <li>4 out of 10 times</li> <li>3 out of 10 times</li> <li>2 out of 10 times</li> <li>1 out of 10 times</li> <li>Never (0 out of 10 times)</li> </ul>				

**REDCap**°

30. If you have receptive anal sex, of the last 10 times that a man put his penis in my anus/butthole, how many of those times did you use a condom?
<ul> <li>Every Time (10 out of 10 times)</li> <li>9 out of 10 times</li> <li>8 out of 10 times</li> <li>7 out of 10 times</li> <li>6 out of 10 times</li> <li>5 out of 10 times</li> <li>4 out of 10 times</li> <li>3 out of 10 times</li> <li>2 out of 10 times</li> <li>1 out of 10 times</li> <li>Never (0 out of 10 times)</li> </ul>
You are almost done. These are the last few questions.
31. Do you or your partner(s) use any products (i.e. lubricants, spermicides) when you have sex?
○ No ○ Yes
31a. What types of products do you use when you have sex (check all that apply)?
<ul> <li>None</li> <li>Saliva</li> <li>Lubricants (like KY jelly)</li> <li>Spermicide (not related to the condom)</li> <li>Oils</li> <li>Lotion</li> <li>Other, please list:</li> </ul>
31a. Please specify other not listed
32. Do you masturbate?
○ No ○ Yes
32a. How many times per week?
<ul> <li>None</li> <li>1 time</li> <li>2-3 times</li> <li>4-6 times</li> <li>Every day</li> <li>2 or more times a day</li> </ul>
32b. Do you use lubrication when you masturbate?
○ No ○ Yes



32c. What do you use for lubrication when you masturbate? (check all that apply)
<ul> <li>Nothing</li> <li>Saliva</li> <li>Store bought lubrication (like KY jelly)</li> <li>Lotion</li> <li>Oil</li> <li>Other: please list:</li> </ul>
32c. Please specify other
32d. Do you use a masturbation sleeve or a "Fifi" when you masturbate?
○ No ○ Yes
32e. Do you use any other aids/toys when you masturbate (i.e. vibrator, anal beads)?
○ No ○ Yes
33. Which of the following commonly used terms best describes your sexual orientation?
<ul> <li>Straight/heterosexual (not gay)</li> <li>Gay or homosexual</li> <li>Bisexual</li> <li>Asexual (I am not sexually attracted to others)</li> <li>Other, please describe</li> </ul>
33a. Please specify other



# **Insight Test Results - Research Nurse**

Date Form Filled out
Please specify other not listed
Date Form Filled out
(MM/DD/YYYY)
1. Chlamydia tests (NAAT)
<ul><li>None recorded</li><li>Negative test(s), date(s):</li><li>Positive test(s), date(s):</li></ul>
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)

**REDCap**°

1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1a. Chlamydia tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)



1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
1b. Chlamydia tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
2. Gonorrhea tests (NAAT or culture)
<ul><li>None recorded</li><li>Negative test(s), date(s):</li><li>Positive test(s), date(s):</li></ul>
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)



2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2a. Gonorrhea tests (NAAT or culture): Date of Negative Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)



2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
2b. Gonorrhea tests (NAAT or culture): Date of Positive Test
(MM/DD/YYYY)
3. Trichomonas tests (NAAT)
<ul><li>None recorded</li><li>Negative test(s), date(s):</li><li>Positive test(s), date(s):</li></ul>
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)



3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3a. Trichomonas tests (NAAT): Date of Negative Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)

3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
3b. Trichomonas tests (NAAT): Date of Positive Test
(MM/DD/YYYY)
4. Gram stain
<ul> <li>None recorded</li> <li>&lt; 2 WBCs, no GNID. Date(s):</li> <li>2-4 WBCs, no GNID. Date(s):</li> <li>&lt; 5 WBCs, no GNID. Date(s):</li> <li>&gt;5 WBCs, no GNID. Date(s):</li> <li>&gt;5 WBCs, positive for GNID. Date(s):</li> </ul>
4a. Gram stain: Date of < 5 WBCs, no GNID
(MM/DD/YYYY)
4a. Gram stain: Date of < 5 WBCs, no GNID
(MM/DD/YYYY)

4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4a. Gram stain: Date of < 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	



4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4b. Gram stain: Date of > 5 WBCs,	no GNID
(MM/DD/YYYY)	
4c. Gram stain: Date of > 5 WBCs,	positive for GNID
(MM/DD/YYYY)	
4c. Gram stain: Date of > 5 WBCs,	positive for GNID
(MM/DD/YYYY)	



4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4c. Gram stain: Date of > 5 WBCs, positive for GNID
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)



4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4d. Gram stain: Date of < 2 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)



4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
4e. Gram stain: Date of 2-4 WBCs, no GNID. Date(s):
(MM/DD/YYYY)
5. Prior diagnosis of NGU
<ul><li>○ None recorded</li><li>○ NGU diagnosis, date(s):</li></ul>
5a. Date of Prior diagnosis of NGU diagnosis
(MM/DD/YYYY)



5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	
5a. Date of Prior diagnosis of NGU diagnosis	
(MM/DD/YYYY)	



## **Specimen Lab**

Barcode for U1a/Unspun Urine	
	(U1a)
Sample of U1a/Unspun Urine	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	
Barcode for Ulap/Unspun Urine	(Ulap)
Sample of U1ap/Unspun Urine	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	
Barcode for U1an/Unspun Urine	
	(U1an)
Sample of U1an/Unspun Urine	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	
Barcode for U1b/Unspun Urine	
	(U1b)
Sample of U1b/Unspun Urine	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	
Barcode for rs1/Rectal Swab	
	(rs1)
Sample of rs1/Rectal Swab	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	

**REDCap**°

10/12/2021 11:38am

Barcode for rs1a/Rectal Swab	
	(rsla)
Sample of rs1a/Rectal Swab	<ul><li>○ Not Collected</li><li>○ Not Run-Technical Error</li><li>○ Other</li></ul>
Please specify other reason	
Date Form Filled Out	
	(MM/DD/YYYY)
Name of Person filling out Form	O O O
Please specify other	
Collection Date and Time	
	(Date Time with Seconds (MMDDYYYY H:M:S) )
Date Received in Laboratory	
	(MMDDYYYY)
Aliquot Date and Time	
	(Date Time with Seconds (MMDDYYYY H:M:S))
Urine Volume	
	(ml)
Urine Test Results	
Chlamydia trachomatis	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Final Chlamydia trachomatis (if originally indeterminate)	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Bilogical Categorization of Chlamydia trachomatis (if originally indeterminate)	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Clinical Categorization of Chlamydia trachomatis (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>

**REDCap**°

Value	
Concentration	
Organism Load	
Comments	
Neisseria gonorrhoeae	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Final Neisseria gonorrhoeae (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Biological Categorization of Neisseria gonorrhoeae (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Clinical Categorization of Neisseria gonorrhoeae (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Value	
Concentration	
Comments	
Trichomonas vaginalis	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Final Trichomonas vaginalis (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Biological Categorization of Trichomonas vaginalis (if originally indeterminate)	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Clinical Categorization of Trichomonas vaginalis (if originally indeterminate)	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Value	

Concentration	
Comments	
Mycoplasma genitalium	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Final Mycoplasma genitalium (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Biological Categorization of Mycoplasma genitalium (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Clinical Catogrization of Mycoplasma genitalium (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Value	
Concentration	
Comments	
Macrolide resistance testing result	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Biological Categorization of Macrolide resistance testing result (if original result is indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Clinical Categorization of Macrolide resistance testing result (if original result is indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Macrolide resistance testing result date	
	(MM/DD/YYYY)
Macrolide resistance testing result comments	
Quinolone resistance testing result	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>



Biological Categorization of Quinolone resistance testing result (if original result is indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Clinical Categorization of Quinolone resistance testing result (if original result is indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Quinolone resistance testing result date	
	(MM/DD/YYYY)
Quinolone resistance testing result comments	
Ureaplasma urealyticum	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Final Ureaplasma urealyticum (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Biological Categorization of Ureaplasma urealyticum (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Clinical Categorization of Ureaplasma urealyticum (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Value	
Concentration	
Comments	
Urine Specimen Storage	
Identifier of Abbott tube	
Date Frozen	
	(MMDDYYYY)
Freezer Location	
Comments	



Identifier of Amplicor aliquot	
Date frozen	(MMDDYYYY)
Freezer Location	
Comments	
Identifier of Neat Urine	
Date frozen	(MM/DD/YYYY)
Freezer Location	
Comments	
Rectal Test Results	
Chlamydia trachomatis	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Final Chlamydia trachomatis (if originally indeterminate)	<ul><li>Positive</li><li>Negative</li><li>Indeterminate</li></ul>
Value	
Concentration	
Comments	
Mycoplasma genitalium	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Final Mycoplasma genitalium (if originally indeterminate)	<ul><li>○ Positive</li><li>○ Negative</li><li>○ Indeterminate</li></ul>
Value	



Concentration		
Comments		
Rectal Specimen Storage		
Identifier of Abbott Tube		
Date frozen	(MM/DD/YYYY)	
Freezer Location		
Comments		
Identifier of SPG aliquot		
Date frozen	(MM/DD/YYYY)	
Freezer Location		
Comments		
Urethral Gram Stain		
Gram Negative Intracellular Diplococci (GNID) Present Urethral Gram Stain	○ No ○ Yes	
Comments for Urethral Gram Stain		
Slide Identifier		
Slide Storage Box		
Any additional comments		

## **Cell Count**

Barcode for SL1/Spent Urethral Swab		
	(SL1)	
Barcode for S1/Urethral Swab		
	(S1)	
Barcode for U1/Master Urine		
	(U1)	
Barcode for Sv/Saliva		
	(Sv)	
Barcode for U1c/UnSpun Urine		
	(U1c)	
Barcode for P1/Cell Pellet		
	(P1)	
Barcode for Sup/Master Supernatant		
	(Sup)	
Barcode for Sup1/Filtered Supernatant		
	(Sup1)	
Barcode for Sup2/Filtered Supernatant		
	(Sup2)	
Barcode for Sup3/Filtered Supernatant		
	(Sup3)	
Barcode for Sup4/Filtered Supernatant		
	(Sup4)	
Date Form Filled Out		
	(MM/DD/YYYY)	
Name of Person Filling Form	<ul><li>Evelyn Toh</li><li>Other</li></ul>	
Please specify other name not listed		

**REDCap**°

10/12/2021 11:38am projectredcap.org

Date received in lab	
	(MM/DD/YYYY)
Urine Volume	
V. 1. (T. 1.0.11.0)	
Value of Total Cell Count	
Urine Cell Count	
Date Frozen	
	(MM/DD/YYYY)
Freezer Location	
Freezer Location	
Freezer Location  Comments	
Comments	

## **IUMP Target Baseline**

Name of Person Filling out the F	orm	0				
		0				
Please specify other not listed						
				<del>-</del>		
Target Accruals Group		<ul> <li>○ IU</li> <li>○ Healthy</li> <li>○ CT only</li> <li>○ IUMP Other NGU Groups</li> <li>○ Enrolled as control, doesn't meet criteria</li> <li>○ Enrolled as case, doesn't meet criteria</li> </ul>				
If IUMP other NGU Groups						
		Mogativo	Indeterminate	Not Done		
	Positive	Negative		NOT DOTTE		
MG	Positive	Negative	O	O		
MG UU	Positive	O	() ()			
	Positive		() () ()			
UU	Positive  O O O		0 0 0			
UU TV	Positive  O O O O		() () () () ()			
UU TV GC	Positive  O O O O O		0 0 0 0 0			

10/12/2021 11:38am projectredcap.org **REDCap**\*