

## **Supplementary Appendix 1**

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|---|----------|
| <b>ELIGIBILITY SCREENING FORM .....</b> | <b>1</b> |
| <b>SURVEY INSTRUMENT .....</b>          | <b>3</b> |

## Eligibility screening form

INSTRUCTIONS: Complete the entire screening questionnaire for every eligible candidate that comes to survey site for visit #1.

Hello. My name is \_\_\_\_\_. I would like to first thank you for taking the time to participate in the survey. The person who asked you to participate in the survey may have told you that this survey is about beliefs and perceptions around HIV and behaviors of men. However, before we start the survey, I need to first find out if you are eligible to participate. If you are eligible to participate, then I will introduce you to one of our interviewers who will do a survey with you. Let me also tell you that everything you tell us will be completely confidential. We will not take your name and no one will be able to link your responses to you personally. Do you mind if I start?

|   |  |
|---|--|
| (Date)  | □□/□□/□□□□   |
| (Is this person a seed?)  | 1. YES ____ (Enter Seed Prefix)<br>2. NO   |
| (Coupon # person came in with)  | □□□□□<br>(if seed, write 'seed prefix' and '0000')   |
| (Skip if seed) (Does the candidate have a valid coupon?)  | Yes<br>No → Ineligible   |
| (Skip if seed) Have you participated in this survey before?   | 1. YES → Ineligible<br>2. NO   |
| How old are you now?  | Age in completed years: ____<br>Under 18 years → ineligible  |
| Now, may I ask about your biological sex? Were you born biologically male or female?  | 1. Male<br>2. Female → Ineligible  |
| 1. How long have you lived, worked, and socialized in (INSERT SURVEY AREA)?   | Enter #YEARS ____<br>and #MONTHS ____<br><br><b>ELIGIBLE if greater or equal to 6 months</b>   |
| 2. Can you tell me how did you get the coupon you brought here today?   | 1. Someone I know gave it to me<br>2. A stranger gave it to me<br>3. Found it → Ineligible<br>4. Bought or exchanged it for something → Ineligible |
| 3. <b>Interviewer:</b> (Is participant able to provide verbal informed consent?) (i.e.: not under the influence of alcohol/drugs; able to communicate in mutually understood language). | 1. Yes<br>2. No → Ineligible   |
| 4. Have you ever had oral or anal sex with a man? (If necessary, probe with additional questions to verify knowledge of MSM sexual behavior, see section B below)                       | 1. Yes<br>2. No → Ineligible   |
| 5. Have you had oral or anal sex with a man in the last 6 months? (If necessary, probe with additional questions to verify knowledge of MSM sexual behavior, see section B below)       | 1. Yes<br>2. No → Ineligible   |

|  |   |
|--|---|
| 6. (If there is concern about the individual's eligibility, specifically whether there are questions about whether he is a MSM): <b>Please ask additional screening questions in section B.</b>  |   |
| 7. How confident are you that the participant is truly a member of the target population? (please circle your response)  | 1. Highly Confident<br>2. Somewhat confident (state reason<br>_____ )<br>3. Not confident<br>_____ )<br><p>(please see Supervisor for further instructions)</p> |
| <b>Additional Screening Questions. Check the list below to select which questions to use today:</b><br>a. Can you tell me, when someone is on top during oral sex, what is he doing?<br>b. Can you tell me, when someone is on bottom during oral sex, what is he doing?<br>c. Can you tell me, when someone is on top during anal sex, what is he doing?<br>d. Can you tell me, when someone is on bottom during anal sex, what is he doing?<br>e. What do you call it when someone performs both active and passive roles during sex with a man?<br>f. |   |
| <i>Monday: abe Tuesday: cde Wednesday: ace Thursday: bde Friday: abd Saturday: bcd Sunday: bce</i>   |   |
| 8. (SCREENER: Is the Candidate eligible? (Circle))   | 1. YES<br>2. NO   |

| Not eligible because candidate is: Mark with 'X' ALL that apply, then END.) |    |   |
|---|----|---|
|   | a) | Did not have a valid coupon   |
|   | b) | Is under the age of 18  |
|   | c) | Participated in the survey before                                     |
|   | d) | Is not a biological male  |
|   | e) | Did not have oral or anal sex with a man in the last 6 months         |
|   | f) | Has not lived, socialized, or worked in survey area at least 6 months |
|   | g) | Is too drunk/high to do questionnaire                                 |
|   | h) | Unable to communicate in understood language                          |
|   | i) | Other: _____  |

## Survey Instrument

| #        | Question  | Response Set                                   | Instructions to Questionnaire programmer/interviewer   | Comments                      |
|----------|---|--|--|-------------------------------|
| <b>1</b> | <b>COUPON INFORMATION AND VALIDATION</b>  |  |  |                               |
| 101.     | Enter the candidate's coupon code?  | (____)   |  |                               |
| 102.     | Enter the candidate's coupon code AGAIN?  | (____)   |  |                               |
| 103.     | Interviewer ID  | (____)   |  |                               |
| 104.     | Date of Interview   | dd/mm/yyyy                                     |  |                               |
| 105.     | Interview Start Time  | (__:__:__)                                     |  |                               |
| 106.     | What survey city is this?   | 1. Johannesburg<br>2. Cape Town<br>3. Mahikeng |  |                               |
| 107.     | Now, may I ask about your biological sex?<br>Were you born biologically male or female?                               | 1. Yes<br>2. No                                | If response == No. Verify the response. Participant is not eligible – temporarily stop interview and consult with Site Coordinator   | This is a validation question |
| 108.     | What is your date of birth? PROBE insert a calculated age then say, "this makes you ____ years old, is this correct?" | (__)(__)/(__)(__)(__)(__)<br>month /year)      | If date of birth translated to completed age <18 years on date of interview. Verify the response. Participant is not eligible – temporarily stop interview and consult with Site Coordinator | This is a validation question |
| 109.     | Have you had either anal or oral sex with a man in the last 6 months?   | 1. Yes<br>2. No<br>99. Decline to answer       | If response == No or Decline to Answer. Verify the response. Participant is not eligible – temporarily stop interview and consult with Site Coordinator                                      | This is a validation question |

| #        | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|----------|---|---|--|----------|
| <b>2</b> | <b>DEMOGRAPHICS</b>   |   |  |          |
| 201.     | In what country were you born?  | 1. Zimbabwe<br>2. Mozambique<br>3. South Africa<br>4. Nigeria<br>5. Botswana<br>6. Namibia<br>7. Lesotho<br>8. Other (specify):<br>88. Don't know<br>99. Decline to answer  |  |          |
| 202.     | To which race do you belong?  | 1. Black African<br>2. White<br>3. Coloured<br>4. Indian<br>9. Other (specify): (includes Mixed race, Asian etc.)<br>88. Don't know<br>99. Decline to answer  |  |          |
| 203.     | What is the highest level of education you completed?   | 1. Never attended school<br>2. Attended school, but never completed any level<br>3. Primary school (grades 1 - 8)<br>4. Secondary School level<br>5. Tertiary Level<br>6. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| 204.     | Are you currently enrolled as a student at a tertiary level institution (e.g. university, technical college etc?) | 1. Yes<br>2. No<br>99. Decline to answer  |  |          |

| #    | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|------|--|---|--|----------|
| 205. | What is the main source of your income ?<br>DO NOT READ ANSWERS, RECORD ONLY ONE               | 1. Full-time employment<br>2. Part-time employment<br>3. Self-employed<br>5. Pension<br>6. Social grant<br>7. No source of income<br>8. Other (specify):<br>88. Don't know<br>99. Decline to answer | If No Source of Income – SKIP to 208                 |          |
| 206. | How much money did you personally earn last month? (Total income from ALL sources)             | 1. Below R1,499<br>2. R1,500- 3,499<br>3. R3,500-9,999<br>4. R10,000 plus<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 207. | Including yourself, how many people depend on this income?                                     | (____ ____)   |  |          |
| 208. | Is (Johannesburg/Mahikeng/Cape Town – select appropriate survey city) your primary residence?  | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer  | If No - SKIP TO 210                                  |          |
| 209. | How long have you lived in (Johannesburg/Mahikeng/Cape Town – select appropriate survey city)? | (____ ____) (number of years) (____ ____) (and number of months)<br>88. Don't know<br>99. Decline to answer   |  |          |
| 209a | In which Zone do you reside in?  | 1. Zone 1<br>2. Zone2<br>3. Zone 3<br>4. Zone 4   |  |          |

| #         | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|---|--|--|----------|
| 209b      | In which Zone do you mostly socialise in?   |  |  |          |
| 210.      | If your primary residence is not in (Johannesburg/Mahikeng/Cape Town – select appropriate survey city) , where is your primary residence? WRITE-IN response | Free Text _____<br>99. Decline to answer   |  |          |
| 210a      | Do you work in this area?   | 1. Yes<br>2. No  | If No skip to 210d                                   |          |
| 210b      | How long have worked in this area   | (____ ____) (number of years) (____ ____)<br>(and number of months)<br>88. Don't know<br>99. Decline to answer |  |          |
| 210c      | In which Zone do you mostly socialise in?   | 1. Zone 1<br>2. Zone2<br>3. Zone 3<br>4. Zone 4  |  |          |
| 210d      | Do you socialize in this area?  | 1. Yes<br>2. No  | If no stop, please confirm eligibility               |          |
| 210e      | How long have worked in this area   | (____ ____) (number of years) (____ ____)<br>(and number of months)<br>88. Don't know<br>99. Decline to answer |  |          |
| 210f      | In which Zone do you mostly socialise in?   | 1. Zone 1<br>2. Zone2<br>3. Zone 3<br>4. Zone 4  |  |          |
| <b>2A</b> | <b>SOCIAL NETWORKS</b>  |  |  |          |

| #         | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|--|--|----------|
| 211       | Think about the MSM who you know by sight and/or name and who also know you by sight and/or name.<br>How many are 18 years and above and live/work/socialise in (insert city)?   | _____  |  |          |
| 212       | <i>Among the people we know and those who know us, we may have different levels of interaction with each of them. For example: how much time we spend with them, how often we talk to them, or socialise with them. The ones we interact with most are what we call our personal network.</i><br><br>Now, thinking of the (response in 211) who you know and also know you, how many are in your personal network? | _____  |  |          |
| <b>3</b>  | <b>MARRIAGE AND FAMILY</b>   |  |  |          |
| 301       | Have you ever been married or committed to a <b>woman</b> as married   | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   | If No – Go to 303                                    |          |
| 301a<br>. | For how long have you been or were you (if not any more) in such a committed relationship?   | (____ ____) (number of years) (____ ____)<br>(and number of months)<br>88. Don't know<br>99. Decline to answer |  |          |
| 302       | Are you currently married or committed to a <b>woman</b> as married?   | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   | If No – Go to 303                                    |          |
| 302b<br>. | For how long have you been in such a committed relationship?   | (____ ____) (number of years) (____ ____)<br>(and number of months)<br>88. Don't know<br>99. Decline to answer |  |          |
| 303       | Have you <u>ever</u> been married or committed to a <b>man</b> as married  | 1. Yes<br>2. No<br>88. Don't know  | If No – Go to 401                                    |          |



| #        | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|----------|--|---|--|----------|
|          |  | 99. Decline to answer   |  |          |
| 303a     | For how long have you been or were you (if not any more) in such a committed relationship?   | (____ ____) (number of years) (____ ____) (and number of months)<br>88. Don't know<br>99. Decline to answer   |  |          |
| 304      | Are you <u>currently</u> married or committed to a <b>man</b> as married   | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer  | If No – Go to 401                                    |          |
| 304a     | For how long have you been in such a committed relationship?   | (____ ____) (number of years) (____ ____) (and number of months)<br>88. Don't know<br>99. Decline to answer   |  |          |
| <b>4</b> | <b>SEXUAL HISTORY</b>  | <b>INTERVIEWER: These next questions are about sexual experiences you may have had. While some people have had a lot of sexual experience, others have not, so questions may or may not apply to you.</b> |  |          |
| 401      | Have you ever had vaginal sex with a woman?  | 1. Yes<br>2. No<br>99. Decline to answer  | SKIP TO Q403   |          |
| 402      | At what age did you first have vaginal sex with a woman?   | (____ ____) (Age in years)<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 403      | Have you ever had anal sex with a woman?   | 1. Yes<br>2. No<br>99. Decline to answer  | SKIP TO Q404 (If Q401 & Q403=2<br>SKIP TO Q408)      |          |
| 404      | In total, with how many different women have you had sex with in the last 6 months? Sex being defined as vaginal or anal sex.<br>If you don't remember, give your best estimate. | (____ ____ ____) (number of female partners)<br>88. Don't Know<br>99. Decline to answer   | IF 0 SKIP TO Q408                                    |          |

| #   | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----|---|--|--|----------|
| 405 | Of these (RESPONSE TO Q404), how many did you NOT use a condom the last time you had sex with them (vaginal or anal sex)? | (____ ____ ____ ____) (number of female partners)<br>88. Don't Know<br>99. Decline to answer |  |          |
| 406 | Of these (RESPONSE TO Q405), how many did you give money, goods or services in exchange for sex?                          | (____ ____ ____) (number of female partners)<br>88. Don't Know<br>99. Decline to answer      |  |          |
| 407 | Of these (RESPONSE TO Q405), how many did you receive money, goods or services from in exchange for sex?                  | (____ ____ ____) (number of female partners)<br>88. Don't Know<br>99. Decline to answer      |  |          |
| 408 | Have you ever had anal sex with a man?  | 1. Yes<br>2. No<br>99. Decline to answer   | If no skip to 410                                    |          |
| 409 | At what age did you first have anal sex with a man?   | (____ ____) (age in years)<br>88. Don't Know<br>99. Decline to answer                        |  |          |

| #        | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer   | Comments |
|----------|--|---|--|----------|
| 410      | Where or how do you normally meet male sexual partners?<br>DO NOT READ ANSWERS, RECORD ONLY ONE  | 1. Intermediary (e.g., friend)<br>2. Bar/Nightclub/Shebeen<br>3. Hotel/Bed & Breakfast<br>4. Street, park or public transport<br>5. Sex-specific mobile dating application/internet (i.e. Grindr, Scruff, manhunt, gaydar)<br>7. Non-sex-specific internet, social media (e.g. Facebook)<br>8. Pride, gay event<br>9. School/university/college<br>10. Not actively searching for male sexual partners<br>11. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| <b>5</b> | <b>PARTNER MATRIX</b>  |   |  |          |
| 501.     | In the past 6 months (since MONTH/YEAR), how many people have you had vaginal, oral or anal sex with? Please include males and females, main or casual partners, as well as anyone you gave or received money, goods, or services in exchange for sex. | (____ ____ ____ ____) (Number of partners)<br>88. Don't Know<br>99. Decline to answer   | If response = 0; verify response. Participant should have met eligibility criteria for oral or anal sex with man in the last 6 months. |          |
|          | <i>INTERVIEWER: Now I am going to ask you a series of questions about the last person with which you had sex (oral, anal or vaginal) (Matrix goes up to last 3 partners based on response to Q501)</i>   |   |  |          |
| 502.     | Was this partner biologically male or female?  | 1. Male<br>2. Female<br>3. Other: specify<br>88. Don't know<br>99. Decline to answer  | If Male: SKIP TO Q512  |          |

| #    | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|---|--|----------|
| 503. | How old was your last partner? If you don't know, take your best guess.   | (____ ____) (age in years)<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 504. | Did you give this partner money, goods or services in exchange for sex?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 505. | Did you receive money, goods, or services in exchange for sex?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 506. | What type of partner was your last partner: regular, casual or transactional?<br>(Note to interviewer: if participant has responded Yes to 504 or 505 – then the partner was transactional) | 1. Regular partner (committed to the person & no payment or exchange)<br>2. Casual partner (not committed to the person & no payment or exchange)<br>3. Transactional partner (exchanged sex for money, goods, or services)<br>4. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |

| #    | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|--|--|--|----------|
| 507. | Where or how did you meet this partner?<br>DO NOT READ ANSWERS, RECORD ONLY ONE                          | 1. Intermediary (e.g., friend)<br>2. Bar/Nightclub/Shebeen<br>3. Hotel/Bed & Breakfast<br>4. Street, park or public transport<br>5. Sex-specific mobile dating application/internet (i.e. Grindr, Scruff, manhunt, gaydar)<br>7. Non-sex-specific internet, social media (e.g. Facebook)<br>8. Pride, gay event<br>9. School/university/college<br>10. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| 508. | The last time you had sex with this partner, what did you know or believe this persons HIV status to be? | 1. HIV Negative<br>2. HIV Positive<br>88. Don't know<br>99. Decline to answer  |  |          |
| 509. | IF FEMALE PARTNER: The last time you had sex (vaginal or anal) with this person was a condom used?       | 1. Yes<br>2. No<br>3. Not applicable – no vaginal or anal sex<br>99. Decline to answer   | If Yes: SKIP TO Q511<br><br>SKIP TO Q518             |          |

| #    | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|--|--|--|----------|
| 510. | IF FEMALE PARTNER: Could you tell me why a condom was NOT used?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. No condom available<br>2. Partner refused<br>3. Condom reduces sexual pleasure<br>4. Used other contraceptives<br>5. I am not worried about getting HIV/STIs<br>6. Condoms break / don't work<br>7. Want partner to get pregnant<br>8. I am using PrEP<br>9. I or partner on ART and not worried about transmission<br>10. I or partner have the same HIV status<br>11. Other (specify):<br>88. Don't know<br>99. Decline to answer | SKIP TO SECTION 6 (OR NEXT PARTNER)                  |          |
| 511. | IF FEMALE PARTNER: Can you tell me why a condom was used?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED       | 1. To prevent HIV/STIs<br>2. Do not trust partner<br>3. Messages advising the use of condoms<br>4. To prevent pregnancy<br>5. Other (specify):<br>88. Don't know<br>99. Decline to answer  |  |          |
| 512. | IF MALE PARTNER: To the best of your knowledge, does this partner also have sex with women?                  | 1. Yes, I know he does<br>2. Yes, he probably does<br>3. No, I know he does not<br>4. No, he probably doesn't<br>88. Don't know<br>99. Decline to answer   |  |          |
| 513. | IF MALE PARTNER: To the best of your knowledge, was this partner circumcised?                                | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |

| #    | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|--|--|----------|
| 514. | IF MALE PARTNER: The last time you had anal sex with this person was it receptive, insertive or both?                                     | 1. Insertive<br>2. Receptive<br>3. Both insertive and receptive<br>4. Not applicable (no anal sex with partner)<br>99. Decline to answer   | SKIP to Q518   |          |
| 515. | IF MALE PARTNER: The last time you had anal sex (INSERTIVE OR RECEPTIVE OR BOTH) with this person, was a condom used?                     | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP to Q517   |          |
| 516. | IF MALE PARTNER: Could you tell me why a condom was NOT used the last time you had anal sex?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. No condom available<br>2. Partner refused<br>3. Condom reduces sexual pleasure<br>4. I got paid more to not use a condom<br>5. I am not worried about getting HIV/STIs<br>6. Condoms break / don't work<br>7. I am using PrEP<br>8. I or partner on ART and not worried about transmission<br>9. I or partner have the same HIV status<br>10. Other (specify):<br>88. Don't know<br>99. Decline to answer | SKIP TO SECTION 6 (OR NEXT PARTNER)                  |          |
| 517. | IF MALE PARTNER: Could you tell me why a condom was used the last time you had anal sex?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED     | 1. To prevent HIV<br>2. To prevent STIs (other than HIV)<br>2. Do not trust partner<br>3. Messages advising the use of condoms<br>4. Other (specify):<br>88. Don't know<br>99. Decline to answer   |  |          |

| #        | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer    | Comments |
|----------|---|---|---|----------|
| 518.     | FOR THOSE WHO REPORTED NO VAGINAL OR ANAL SEX WITH THIS PARTNER: Did you ONLY have oral sex with this partner in the past 6 months?   | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer  | SKIP TO SECTION 6 (OR NEXT PARTNER)<br>VERIFY RESPONSES |          |
|          | <b>SKIP CHECK: Preceding questions 502-517 to be asked for up to 2 additional partners (Refer to Q501 response)</b>   |   |   |          |
| <b>6</b> | <b>CONDOM ACCESS AND USE</b>  | <b>INTERVIEWER: Now I am going to ask you some questions about condom access and your usage of condoms.</b> |   |          |
| 601.     | Could you ask your main/regular sex partner to use a condom if you wanted? (A main/regular sex partner is someone you are committed to, for example your spouse, live-in sex partner, or boyfriend or girlfriend. There is no payment or exchange of goods or services for sex with these partners) | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer  |   |          |
| 602.     | Do you find it very easy, somewhat easy, or not easy to obtain male condoms?  | 1. Very easy<br>2. Somewhat easy<br>3. Not easy<br>88. Don't Know<br>99. Decline to answer                  |   |          |



| #    | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|---|--|----------|
| 603. | Where do you usually get male condoms?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Government hospital/clinic/health centre<br>2. Mobile clinic or mobile outreach<br>3. HIV Testing Services Event (HTS site)<br>4. Private hospital or clinic<br>5. Shop/Supermarket/Spaza<br>6. Pharmacy<br>7. Peer educator or an NGO<br>8. Friends<br>9. Sex partner<br>10. Shebeen or bar<br>11. Never use condoms<br>12. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| 7    | <b>LUBRICANT ACCESS</b>   | <b>INTERVIEWER: Now, I am going to ask you some questions about lubricant access and your use of lubricant.</b><br><br><b>IF PARTICIPANT DOES NOT UNDERSTAND WHAT LUBRICANT OR LUBRICATION IS, EXPLAIN THAT IT IS A SUBSTANCE THAT IS USED TO REDUCE THE FRICTION DURING VAGINAL OR ANAL SEX.</b>   |  |          |
| 701. | Have you ever used lubricant during anal sex?                                       | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  | If No: SKIP TO Q704                                  |          |

| #    | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|--|--|--|----------|
| 702. | How often did you use lubricant during anal sex in the past 6 months?<br>READ ANSWERS, RECORD ONLY ONE | 1. Always<br>2. Usually<br>3. Sometimes<br>4. Rarely<br>5. Never<br>6. Not applicable (no anal sex in the past 6 months)<br>88. Don't know<br>99. Decline to answer  | SKIP TO Q704<br>SKIP TO Q704                         |          |
| 703. | What type of lubricant do you usually use?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED                | 1. Glycerin<br>2. Saliva or water<br>3. Epizone E<br>4. KY Jelly<br>5. Acqueous Cream/Body lotion/hand lotion<br>6. Magarine/ Butter<br>7. Cooking Oil/ Sunflower Oil<br>8. Vaseline<br>9. Baby oil<br>10. Other oil<br>11. Water-based<br>12. Silicone-based<br>13. Soap<br>14. Whatever we get from peer educator(s), don't know what it is<br>15. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |

| #        | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|----------|--|--|--|----------|
| 704.     | How easy would you say it is to obtain water-based lubricants?<br>READ ANSWERS, RECORD ONLY ONE  | 1. Very easy<br>2. Somewhat easy<br>3. Not easy<br>4. Don't know what water-lubricants are<br>88. Don't know how easy it is to obtain them<br>99. Decline to answer  | SKIP to 801  |          |
| 705.     | Where do you usually obtain water-based lubricants?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Government hospital/clinic/health center<br>2. Mobile clinic or mobile outreach<br>3. HIV Testing Services Event (HTS site)<br>4. Private hospital or clinic<br>5. Shop/Supermarket/Spaza<br>6. Pharmacy<br>7. Peer educator or an NGO<br>8. Friends<br>9. Sex partner<br>10. Shebeen or bar<br>12. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| <b>8</b> | <b>HEALTHCARE UTILISATION AND STIs</b>   | <b>Now I am going to ask you some questions about some of your experiences in seeking healthcare. I will also ask you about Sexually Transmitted Infections, also known as STIs. For these questions, we are asking about STIs other than HIV. Please answer to the best of your ability.</b>  |  |          |
| 801.     | Where do you normally go for healthcare?   | 1. Government hospital/clinic/health centre<br>2. Pharmacy<br>3. Private Clinic/GP<br>4. NGO clinic<br>5. Traditional healer<br>6. Other (specify):<br>88. Don't Know<br>99. Decline to answer   |  |          |

| #    | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|--|--|----------|
| 802. | In the last 6 months have you visited a healthcare facility to receive any medical services?                  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | If No – skip to Q901                                 |          |
| 803. | In the past 6 months, which reasons did you have for visiting a medical care facility ? (Tick all that apply) | 1. HIV treatment<br>2. HIV testing<br>3. Receiving treatment for chronic condition (other than HIV)<br>4. Treatment for an injury<br>5. Treatment for an STI<br>6. Mental health<br>7. Other: Specify<br>88. Don't know<br>99. Decline to answer |  |          |
| 804. | In the past 6 months, have you told any health care providers that you have sex with men?                     | 1. No, they didn't ask<br>2. No, they asked, but I didn't tell them<br>3. Yes, they asked<br>4. Yes, they didn't ask, but I told them<br>88. Don't Know<br>99. Decline to answer   | SKIP TO Q806<br>SKIP TO Q806                         |          |

| #    | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|--|--|----------|
| 805. | Why didn't you tell them? (Tick all that apply) | 1. I thought the health care provider would make fun of me or treat me differently<br>2. I thought the health care provider would refuse to provide appropriate care for me<br>3. I was uncomfortable talking about having sex with men with my health care provider<br>4. I was uncomfortable talking about sex at all with my health care provider<br>5. I thought friends, family or other people in the community would find out<br>6. I thought it was not important to tell my health care provider<br>88. Don't Know<br>99. Decline to answer |  |          |

| #    | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|--|--|--|----------|
| 806. | After confirming or revealing that you have sex with other men, did the following happen?<br>(Tick all that apply) | 1. The health care provider offered counselling on safer practices while having sex with men<br>2. The health care provider avoided you<br>3. The health care provider made fun of you or treated you differently<br>4. The health care provider refused to help you<br>5. The health care provider offered counselling on how to prevent HIV<br>6. The health care provider asked you about anal itching, anal sores<br>7. The health care provider avoided performing certain screening tests (such as chlamydia or HIV screening) because they felt uncomfortable<br>8. The health care provider offered testing for HIV and STIs<br>9. The health care provider suggested I get care at another place with better services for gay or other men who have sex with men<br>88. Don't Know<br>99. Decline to Answer |  |          |
| 807. | In the past 6 months, have you had difficulty getting medical care when you wanted to get it?                      | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP TO Q809   |          |

| #    | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|------|---|--|--|----------|
| 808. | What difficulty did you have?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED  | 1. Too expensive<br>2. Too far away<br>3. Could not take time from work<br>4. Long waiting times<br>5. Stigma/discrimination from healthcare workers<br>5. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |
| 809. | In the last 6 months has a doctor or a medical professional told you that you had a sexually transmitted infection?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP TO 901  |          |
| 810. | Sometimes men experience an abnormal discharge from their genitalia AND/OR and ulcer on or near their genitalia or anus.<br><br>In the last 6 months, have you had an abnormal discharge from your genitalia and/or have you had a sore or ulcer on or near your genitalia or anus? | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 811. | Did you continue having sexual intercourse during the period when you had an abnormal discharge from your genitalia and/or had a sore or ulcer on or near your genitalia or anus?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 812. | Did you seek treatment for this discharge or ulcer?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP TO Q813   |          |

| #        | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer        | Comments |
|----------|---|---|---|----------|
| 813.     | Why did you NOT seek treatment?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED  | 1. Didn't know where to go for treatment<br>2. Embarrassed or afraid to seek treatment<br>3. Could not afford treatment<br>4. Unable to get transportation<br>5. Didn't think I needed it<br>6. No time to go for treatment<br>7. Other (specify):<br>88. Don't Know<br>99. Decline to answer                 |   |          |
| 814.     | Where did you seek treatment the last time you had discharge, a sore or ulcer?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Government clinic<br>2. Private clinic or GP<br>3. NGO run clinic (e.g., Ten81, Health4Men)<br>3. Pharmacy or chemist<br>4. Traditional healer/herbalist<br>5. Medicine or herbs from home<br>6. Other (specify):<br>88. Don't Know<br>99. Decline to answer   |   |          |
| 815.     | Why did you choose to get treatment from this source/these sources?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED            | 1. Confidentiality<br>2. Affordability<br>3. Recommended by friend or acquaintance<br>4. Quality and/or specialized care given at this place<br>5. Knows the caregivers<br>6. Known friendliness of the caregivers<br>7. Proximity/location<br>8. Other (specify):<br>88. Don't know<br>99. Decline to answer |   |          |
| <b>9</b> | <b>HIV KNOWLEDGE, HIV PREVENTION AND TESTING AND COUNSELLING</b>  |   | <b>Now, I am going to ask you some questions about HIV.</b> |          |



| #         | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|---|--|--|----------|
| 901.      | Can the chances of getting HIV be reduced by having sex with only one partner who has no other sex partners?                                      | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| 902.      | Can a person reduce their chance of getting HIV by using a condom every time they have sex?   | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| 903.      | Can a person reduce their chance of getting HIV by not having sexual intercourse at all?  | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| 904.      | Is it possible for a healthy-looking person to have HIV?  | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| 905.      | Have you heard about special drugs that people infected with HIV can get from a doctor or nurse to help them live longer?                         | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| 906.      | Have you heard about special drugs that people who do not have HIV can get from a doctor or nurse to help them reduce the chances of getting HIV? | 1. Yes<br>2. No<br>88. Don't know<br>99. Decline to answer   |  |          |
| <b>10</b> | <b>HIV TESTING HISTORY</b>  | <b>INTERVIEWER: Now, I am going to ask you questions about HIV testing and your experience. Remember that you do not have to answer any questions you do not feel comfortable answering.</b> |  |          |
| 1001.     | Have you EVER been tested for HIV by a service provider (this can be a health worker, at an event, work, pharmacy etc.)?                          | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP TO Q1003  |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
| 1002. | IF NOT TESTED: Why have you not had an HIV test?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED. | 1. Don't know where to go<br>2. I always use condoms<br>3. I feel I am not at risk for HIV<br>4. I didn't have time/too busy<br>5. I trust my partner<br>6. Afraid of finding out that I may be HIV positive<br>7. Afraid of people knowing I have gone for testing or that I tested positive<br>8. Inconvenient testing location or hours<br>9. Stigma by healthcare workers<br>10. Lack of confidence in the quality of HIV testing services (e.g. lack of confidentiality, validity of results)<br>9. Other (specify):<br>88 Don't know<br>99. Decline to answer | SKIP TO Q1012  |          |
| 1003. | IF TESTED: What was the date of your last HIV test?  | (____)(____) / (____)(____)(____)(____) (month/year)<br>888. Don't Know<br>999. Decline to answer   |  |          |
| 1004. | IF TESTED: Where was the last test done?   | 1. Government hospital/clinic/health center<br>2. Private facility/clinic<br>3. Mobile counseling and testing outreach<br>4. School or university<br>5. Work/employer<br>6. Pharmacy (e.g. Clicks, Dischem, etc.)<br>7. An NGO (specify):<br>8. Other (specify):<br>88. Don't know<br>99. Decline to answer   |  |          |

| #     | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer                                  | Comments |
|-------|--|--|---|----------|
| 1005. | IF TESTED: For what reasons did you get this last test?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Wanted to know my HIV status<br>2. My partner asked me to get tested<br>3. Wanted to start sexual relations with a new partner<br>4. Wanted to get married<br>5. Needed loan/insurance<br>6. Employer requested the test<br>7. I felt sick<br>8. Advised by a health worker<br>9. Advised by a peer educator<br>10. Other (specify):<br>88. Don't know<br>99. Decline to answer |   |          |
| 1006. | IF TESTED: What was the result of your last HIV test?  | 1. HIV Negative<br>2. HIV Positive<br>3. Indeterminate<br>4. I didn't get the result<br>88. Don't Know<br>99. Decline to answer  | SKIP TO Q1012<br>SKIP TO Q1008<br>SKIP TO Q1012<br><br>SKIP TO Q1012<br>SKIP TO Q1012 |          |
| 1007. | IF TESTED AND DID NOT GET RESULT: why did you not get your result?                                   | 1. I didn't have time/too busy<br>2. I am not infected<br>3. I was too scared<br>4. The testing center didn't have my result<br>5. Other (specify):<br>88. Don't know<br>99. Decline to answer   | SKIP TO Q1012   |          |
| 1008. | IF POSITIVE, when was your first HIV positive test?  | (__)(__)/(__)(__)(__)(__)(__) (month/year)<br>88. Don't know<br>99. Decline to answer  |   |          |

| #     | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|---|--|----------|
| 1009. | IF POSITIVE, What do you think your chances of transmitting HIV to a partner is? No chance, small, moderate or great chance?            | 1. No chance<br>2. Small chance<br>3. Moderate chance – SKIP TO Q1010<br>4. Great chance – SKIP TO Q1011<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 1010. | Why do you think you have no chance/small chance of transmitting HIV to a partner?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED         | 1. Never had anal sex<br>2. Currently abstaining from sex<br>3. Fidelity to Partner/Trust in partner<br>4. Use condoms<br>5. Undetectable/virally suppressed<br>6. I am the “bottom” during anal sex<br>7. I am the “top” during anal sex<br>8. I pull out before ejaculation<br>9. I only have sex with other HIV-positive people<br>10. I do not inject drugs with partners<br>11: Other, specify:<br>88. Don't know<br>99. Decline to answer |  |          |
| 1011. | Why do you think you have a moderate chance/great chance of transmitting HIV to a partner?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. I don't use condoms<br>2. Multiple partners<br>3. Infidelity/don't trust in partner<br>4. I inject drugs with partners<br>5. High viral load count<br>6. I am the “top” during anal sex<br>7. I am the “bottom” during anal sex<br>8. I don't pull out before ejaculation<br>9. I have sex with HIV-negative people<br>10. I have injuries/cuts<br>11. Other, specify:<br>88. Don't know<br>99. Decline to answer                            |  |          |

| #   | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer             | Comments |
|---|--|---|--|----------|
| 1012.   | What do you think are your chances of getting HIV? No chance, small, moderate or great chance?                             | 1. No chance<br>2. Small chance<br>3. Moderate chance<br>4. Great chance<br>88. Don't know<br>99. Decline to answer   | SKIP TO Q1013<br>SKIP TO Q1013<br>SKIP TO Q1014<br>SKIP TO Q1014 |          |
| 1013.   | Why do you think that you have no chance/small chance of getting HIV?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED         | 1. Never had anal sex<br>2. Currently abstaining from sex<br>3. Fidelity to Partner/Trust in partner<br>4. Use condoms<br>5. Other (specify):<br>88. Don't know<br>99. Decline to answer    | SKIP TO Q1015  |          |
| 1014.   | Why do you think that you have a moderate chance/great chance of getting HIV?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Don't use condoms<br>2. Don't trust partner<br>3. Had injuries/cuts<br>4. Multiple partners<br>5. I am injecting drugs<br>6. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| 1015.   | What do you think your HIV status is today?  | 1. HIV Negative<br>2. HIV Positive<br>88. Don't know<br>99. Decline to answer   | IF Q1002 = 2 SKIP TO instruction before Q1020                    |          |
| INTERVIEWER: The next few questions ask about HIV self-tests. An HIV self-test usually refers to a rapid HIV test that you can give yourself at home or any convenient location by collecting your own blood (pricking your finger with a small needle) or saliva. If you test HIV-positive on an HIV self-test, you will still need to take a standard HIV test at a hospital, clinic or other organization to confirm your diagnosis. |  |   |  |          |
| 1016.   | Have you ever heard of HIV self-testing/screening?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  | IF NO: SKIP TO SECTION 11  |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
| 1017. | Have you ever done an HIV test on your own? That is, collected your own saliva or blood and read your own result?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1018. | IF SELF-TESTED/SCREENED: What was the date of your last HIV self-test/screen?  | (___)(___) / (___)(___)(___)(___) (month /year)<br>888. Don't Know<br>999. Decline to answer  |  |          |
| 1019. | IF SELF-TESTED/SCREENED: Where did you get the HIV self-test/screening kit for the most recent test/screen you performed?<br><br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1.Private Pharmacy<br>2.Government Clinic/Hospital<br>3. NGO/peer outreach workers<br>4. Partner (regular, causal, transactional)<br>5. Friend<br>6. Shop/Tuckshop/Spaza<br>7. Other (specify)<br>88. Don't Know<br>99. Decline to answer |  |          |
| 1020. | IF SELF-TESTED/SCREENED: What was the result of your last HIV self-test/screen?  | 1.HIV Positive<br>2.HIV Negative<br>3. No HIV result<br>88. Don't Know<br>99. Decline to answer   |  |          |

| #         | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|---|---|--|----------|
| 1021.     | <p>In South Africa, HIV Positive results from a self-test/screen need to be confirmed using two other HIV test devices approved by the government.</p> <p>IF POSITIVE: did you go to a healthcare provider for additional testing to confirm the HIV positive result.</p> | <p>1. Yes<br/>2. No<br/>88. Don't Know<br/>99. Decline to answer</p>  |  |          |
| 1022.     | <p>If HIV self-test kits were available, how likely is it that you would use one to test yourself for HIV?</p>  | <p>1. Very unlikely<br/>2. Somewhat unlikely<br/>3. Neutral<br/>4. Somewhat likely<br/>5. Very likely<br/>6. Not applicable (already known HIV positive)<br/>88. Don't know<br/>99. Decline to answer</p> |  |          |
| <b>11</b> | <b>HIV CARE AND TREATMENT</b>   | <b>INTERVIEWER: Because you have said you know your HIV status to be positive, I am now going to ask you some questions about HIV treatment.</b>  |  |          |
| 1101.     | <p>IF POSITIVE: Have you seen a nurse, doctor or other health care provider for a medical evaluation or care related to your HIV infection?</p>   | <p>1. Yes<br/>2. No<br/>88. Don't Know<br/>99. Decline to answer</p>  | If YES: SKIP TO Q1103                                |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
| 1102. | Why have you never seen a nurse, doctor, or other health care provider for a medical evaluation or care related to your HIV infection? | 1. Feel fine / healthy<br>2. Don't know where to go<br>3. Too expensive<br>4. Privacy/confidentiality<br>5. Previous bad experience with healthcare<br>6. Don't want to think about being HIV +<br>7. Afraid of people knowing that I am HIV positive<br>8. Inconvenient clinic location or hours<br>9. Stigma by healthcare workers for being MSM<br>10. Lack of confidence in the quality of HIV treatment services (e.g. negative healthcare provider attitudes)<br>11. Other (specify)<br>88. Don't Know<br>99. Decline to Answer |  |          |
| 1103. | Have you had a viral load test?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  | IF NO: SKIP TO Q1106                                 |          |
| 1104. | When was your last viral load test?  | (____)(____) / (____)(____)(____)(____) (month /year)<br>888. Don't know<br>999. Decline to answer  |  |          |
| 1105. | What was your last viral load?   | 1. Less than 401 copies/undetectable<br>2. 401-1000 copies<br>3. 1001-10,000 copies<br>4. 10,001-100,000 copies<br>5. More than 100,000 copies<br>88. Don't Know<br>99. Decline to answer   |  |          |



| #     | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|--|--|----------|
| 1106. | Have you ever been on antiretroviral (ARVs) therapy or ART (medication to treat your HIV infection?) | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | IF YES SKIP TO Q1108                                 |          |
| 1107. | Why have you never been on ART?  | 1. Feel fine / healthy<br>2. Don't know where to get them<br>3. I cannot afford them<br>4. Concerned about side effects<br>5. Health provider advised not to take<br>6. Don't want to think about being HIV +<br>7. Other: Specify<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1108. | Are you currently on ART?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | IF YES: SKIP TO Q1111                                |          |
| 1109. | Why did you stop ART?<br>READ ANSWERS, RECORD ALL MENTIONED  | 1. They made me sick<br>2. They did not work<br>3. I could not afford them<br>4. Distance to get them is far/queues too long<br>5. I was feeling better and did not need them<br>6. A doctor/nurse told me to stop taking them<br>7. The pharmacy/clinic ran out of the medicine<br>8. I missed my appointment/I ran out of the medication<br>9. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |

| #     | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|--|--|----------|
| 1110. | If no longer on ART, where did you go for ART?<br>READ ANSWERS, RECORD ALL MENTIONED  | 1. Government hospital/clinic/health centre<br>2. Private pharmacy (CCMMDD – government programme)<br>3. Private Clinic/GP/pharmacy (self-paying)<br>4. Community adherence club<br>5. Other community pick up points (i.e. hall or church)<br>6. NGO clinic (e.g., Men4Health or Ten81)<br>7. Traditional healer<br>8. Other (specify):<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1111. | If on ART, where do you go for ART?<br>READ ANSWERS, RECORD ALL MENTIONED   | 1. Government hospital/clinic/health centre<br>2. Pick up of pre-packaged medication from private pharmacy (government programme)<br>4. Pick up of pre-packaged medication from community adherence club<br>5. Pick up of pre-packaged medication from community venue (i.e. hall or church with no group sessions)<br>6. NGO clinic (e.g., Men4Health or Ten81)<br>3. Private Clinic/GP/pharmacy (self-paying)<br>7. Traditional healer<br>8. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |
| 1112. | Thinking about ARVs you take: How many pills are you supposed to take each day?   | Enter a whole number: ____ ____  |  |          |
| 1113. | Please think back at the last WEEK. Please tell me how many pills have you missed?  | Enter a whole number: ____ ____  |  |          |
| 1114. | How about in the last MONTH. How many pills have you missed since then?<br>(Interviewer, please make sure the patient is thinking about the last month. You may | Enter a whole number: ____ ____  |  |          |

| #         | Question   | Response Set               | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|----------------------------|--|----------|
|           | have to help the participant with the timeframe)   |                            |  |          |
|           | <p>(READ to participant): <b>Thinking about last month, could you show me on this line approximately what proportion of your pills you took in the last month? An x on this end (point to left end, 0) means that you didn't take any of your pills. An x on this end (point to right end, 100) means that you took every one of your pills and didn't miss a single one. An x here (point to the middle of the line, 50) means that you took half of your pills and missed half of your pills.</b></p> <p>INTERVIEWER: When asking the following question, please show the participant the scale showing a line going from 0 to 100.</p> <p><b>0----- ----- ----- ----- ----- ----- ----- ----- ----- -----100</b></p> <p style="text-align: center;"><b>10     20     30     40     50     60     70     80     90</b></p> |                            |  |          |
| 1115.     | Please point to the spot on the line that best represents the proportion of pills you took last month.   | Use the scale above        |  |          |
| 1116.     | Since you first started taking your HIV medication, how many times have you gone for at least 2 days without taking them?  | ____ (# of times)          |  |          |
| 1117.     | When was the last time that this happened?   | __ / ____ (mm/yyyy)        |  |          |
| 1118.     | At that time, how many days did you go without taking your HIV medication?   | ____ (# of days)           |  |          |
| 1119.     | What is the longest time you have ever gone without taking your HIV medication?  | ____ (# of days)           |  |          |
| 1120.     | How many times have you gone at least 2 days without taking HIV medication in the last 3 months?   | ____ (# of times)          |  |          |
| <b>12</b> | <b>TUBERCULOSIS</b>  |                            |  |          |
| 1201.     | <p><i>In South Africa people are screened for TB by asking four questions – whether they have fever for 2 weeks, cough, night sweats or weight loss. People may also provide sputum for lab testing or have chest X rays done to check for TB.</i></p> <p>Have you ever been screened or tested for TB?</p>  | <p>1. Yes</p> <p>2. No</p> | If NO: SKIP TO Q1301                                 |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
|       |  | 88. Don't Know<br>99. Decline to answer   |  |          |
| 1202. | Have you ever been diagnosed with TB disease?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer                              | If NO: SKIP TO Q1301                                 |          |
| 1203. | When was the last time you were diagnosed with TB disease?   | (__)(__)/(__)(__)(__)(__)(__) (month/year)<br>888. Don't know<br>999. Decline to answer |  |          |
| 1204. | Did you receive medication for last time you were diagnosed with TB disease?                             | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer                              | If NO: SKIP TO Q1301                                 |          |
| 1205. | Did you finish taking all your medication required treating TB disease the last time you were diagnosed? | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer                              | If YES: SKIP TO Q1301                                |          |

| #         | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|--|--|----------|
| 1206.     | Why did you not complete the TB treatment?<br>DO NOT READ ANSWERS. RECORD ALL MENTIONED  | 1. They made me sick<br>2. They did not work<br>3. I could not afford them<br>4. Distance to get them is far<br>5. Queues at the clinic too long<br>6. I was feeling better and did not need them<br>7. A doctor/nurse told me to stop taking them<br>8. The pharmacy/clinic ran out of the medicine<br>9. I am still taking the medication<br>10. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |
| <b>13</b> | <b>STIGMA DISCRIMINATION AND VIOLENCE</b>  | <b>INTERVIEWER: Now I will ask you some questions about discrimination and violence. While some people may have experienced these, others may not. Please remember your answers will be kept private. (To the interviewer: Remember to offer referrals for any responses that suggest violence)</b>  |  |          |
|           | <i>ENACTED MSM STIGMA (NON-HEALTHCARE): In the past 6 months, how often have the following happened to you because you are a man who has sex with other men?</i> |  |  |          |
| 1301.     | Hit or beaten up?  | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply   | If never go to Q1303                                 |          |
| 1302.     | Who was the person who last hit, kicked, or beat you?  | 1. Do not know the person<br>2. Social acquaintance<br>3. Family/relative<br>4. Police<br>5. Client<br>6. Sexual partner/lover<br>7. Other (specify):<br>88. Don't Know<br>99. Decline to answer   |  |          |

| #     | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|--|--|----------|
| 1303. | Treated rudely or unfairly?                              | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |
| 1304. | Made fun of or called names?                             | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |
| 1305. | Felt uncomfortable in a crowd of other MSM?              | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |
| 1306. | Lost employment or dismissed from a job?                 | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |
| 1307. | Rejected by family members?                              | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |
| 1308. | Excluded from activities traditionally reserved for men? | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply |  |          |

| #     | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|--|--|----------|
| 1309. | Someone physically forced you to have sex with them?  | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply   | If never go to Q1311                                 |          |
| 1310. | Who was the last person who physically forced you to have sex with them?  | 1. Do not know the person<br>2. Social acquaintance<br>3. Family/relative<br>4. Police<br>5. Client<br>6. Sexual partner/lover<br>7. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |
|       | MSM INTERNALIZED STIGMA: How do you feel about being a MSM? Please rate how much you agree with the following statements. |  |  |          |
| 1311. | If I could change being a MSM to be a man who has sex only with women, I would do it.                                     | 1. Disagree<br>2. Neutral<br>3. Agree  |  |          |
| 1312. | If people call me names, I am good at ignoring it   | 1. Disagree<br>2. Neutral<br>3. Agree  |  |          |

| #     | Question  | Response Set                          | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|---------------------------------------|--|----------|
| 1313. | I feel ashamed of being a MSM   | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |
| 1314. | Social involvement with other MSM makes me feel uncomfortable                   | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |
| 1315. | I feel I am not as good as others because I am a MSM                            | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |
| 1316. | I think less of myself when I am in public with a person who is obviously a MSM | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |
| 1317. | I think being a MSM is against the will of God                                  | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |
| 1318. | I perceive myself as physically and emotionally weak because I am a MSM         | 1. Disagree<br>2. Neutral<br>3. Agree |  |          |



| #         | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|---|--|----------|
|           | In the past 6 months, how often have the following happened to you because someone knew or assumed you were a MSM? |   |  |          |
| 1319.     | I avoided going to healthcare services   | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply                      |  |          |
| 1320.     | I was denied healthcare services   | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply                      |  |          |
| 1321.     | I was not treated well when receiving healthcare services  | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply<br>5. Does not apply |  |          |
| 1322.     | Someone lured me on a social media platform and I experienced stigma, discrimination or violence                   | 1. Never<br>2. Once<br>3. 2-3 times<br>4. 4 or more times<br>5. Does not apply<br>5. Does not apply |  |          |
| <b>14</b> | <b>PEP AND PrEP</b>  |   |  |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
| 1401. | <p><i>PEP is the use of special medication or drugs used after a single high-risk event to help stop HIV from making copies of itself and spreading through your body. PEP must be taken for 28 days and must be started as soon as possible to be effective—and always within 3 days of a possible exposure.</i></p> <p>Before today, have you previously heard about taking pills used to treat HIV for 28 days after an exposure in order to prevent HIV infection?</p> | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  | IF NO: SKIP TO Q1405                                 |          |
| 1402. | Have you ever taken PEP?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  | IF NO: SKIP TO Q1405                                 |          |
| 1403. | In the past 6 months you ever taken PEP?   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  | IF NO: SKIP TO Q1405                                 |          |
| 1404. | Why did you use PEP?<br>(multiple responses allowed – Do not mention responses to participants)  | 1. I had unprotected sex<br>2. I was raped/forced to have sex<br>3. I shared needles<br>4. Other specify<br>88. Don't Know<br>99. Decline to Answer |  |          |

| #     | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|---|--|----------|
| 1405. | <p><i><b>PrEP</b>, is a way for people who do not have HIV but who are at substantial risk of getting it to prevent HIV infection by taking a pill every day. When someone is exposed to HIV through sex or injection drug use, these medicines can work to keep the virus from establishing a permanent infection.</i></p> <p>Before today, have you heard about taking a pill every day to prevent HIV infection?</p> | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  | IF NO: SKIP TO Q1501                                 |          |
| 1406. | Have you ever taken PrEP; a pill taken every day to prevent HIV infection?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  | IF YES: SKIP TO Q1409                                |          |
| 1407. | What is the main reason you have never taken PrEP   | 1. Embarrassed to talk about it with doctor/nurse<br>2. Don't feel at risk for HIV<br>3. Not available where I live<br>4. Don't know where to get it<br>5. Don't want it<br>6. Afraid of side effects<br>7. Don't want other to know<br>8. Other (specify)<br>88. Don't Know<br>99. Decline to Answer |  |          |
| 1408. | PrEP has similar side effects to other drugs used to treat HIV. Would you Take PrEP to help prevent HIV   | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer  |  |          |

| #         | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|--|--|----------|
| 1409.     | Are you currently using PrEP; a pill every day to prevent HIV infection? | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer   | If Yes: Skip to Q1412                                |          |
| 1410.     | In the last 6 months have you taken PrEP                                 | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to Answer   |  |          |
| 1411.     | What is the main reason you stopped taking PrEP?                         | 1. I trust my partners<br>2. Can't get PrEP anymore<br>3. Had side effects<br>4. Don't want others to know<br>5. Tested HIV positive<br>6. Other (specify)<br>88. Don't Know<br>99. Decline to Answer            |  |          |
| 1412.     | From where do you usually get PrEP?                                      | 1. Government clinic/hospital<br>2. Private clinic/hospital<br>3. Community based NGO<br>4. Peer educators<br>5. Private Pharmacy<br>6. Friends<br>7. Other (specify)<br>88. Don't Know<br>99. Decline to Answer |  |          |
| <b>15</b> | <b>CIRCUMCISION</b>  |  |  |          |

| #         | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|---|--|--|----------|
| 1501.     | Have you been circumcised (if circumcised also ask what method and select appropriate response)?<br><br>Interviewer: SHOW THE CARD WITH PICTURE OF CIRCUMCISED AND UNCIRCUMCISED PENIS. | 1. Yes, medical circumcision<br>2. Yes, traditional circumcision<br>3. Yes (don't know whether medical or traditional)<br>2. No<br>99. Decline to answer   | If Yes, SKIP to 1316                                 |          |
| 1502.     | What is the main reason why you have not been circumcised?  | 1. Never considered it<br>2. Too painful<br>3. Don't know where to go<br>4. Costs too much<br>5. Religious reasons<br>6. I don't think I need it<br>7. Other (specify):<br>88. Don't know<br>99. Decline to answer |  |          |
| <b>16</b> | <b>PROGRAM COVERAGE</b>   |  |  |          |
| 1601.     | In the last 6 months, did you receive any of these items for free?<br>READ ANSWERS, RECORD ALL MENTIONED  | 1. Condoms<br>2. Lubricants<br>3. Pamphlets<br>4. PrEP<br>5. HIV Self-test/screen tests<br>6. None<br>7. Other (specify):<br>88. Don't Know<br>99. Decline to answer   | IF NONE: SKIP TO Q1606                               |          |
| 1602.     | Which organization(s) gave these items?<br>RECORD ALL MENTIONED   | 1. Health4Men<br>2. AURUM<br>3. ANOVA<br>4. Gay Umbrella<br>5. OUT Wellbeing<br>88. Don't Know<br>99. Decline to answer  |  |          |

| #     | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|--|--|----------|
| 1603. | In the last 6 months, have you been in contact with a peer educator in the community?                             | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   | SKIP TO Q1701  |          |
| 1604. | Which organization(s) or institution(s) were sponsoring these peer educators?<br>RECORD ALL MENTIONED.            | 1. Health4Men<br>2. AURUM<br>3. ANOVA<br>4. Gay Umbrella<br>5. OUT Wellbeing<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1605. | How many times have you been in contact with the peer educator in the last 6 months?                              | (__ __ __) (number of times)<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1606. | What services or information did you receive from the peer educator?<br>DO NOT READ ANSWERS, RECORD ALL MENTIONED | 1. Information on HIV/STI prevention/transmission, PrEP,<br>2. Condoms<br>3. Lubricant<br>3. Referral for STI Treatment<br>4. Referral or provision of HIV rapid testing<br>5. Psychosocial support<br>6. Peer navigation/accompany one to clinic<br>7. HIV self-test/self-screening tests<br>8. Other (specify):<br>88. Don't Know<br>99. Decline to answer |  |          |
| 17    | ALCOHOL AND DRUG USE  | INTERVIEWER: Now, I would like to ask some questions about your alcohol and drug use.  |  |          |

| #     | Question   | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|---|--|----------|
| 1701. | During the past 6 months, how often did you have a drink containing alcohol?<br>(By drink we mean a 350ml can or glass of beer or cider, a standard glass of wine, or a drink containing 1 shot of liquor)<br>DO NOT READ ANSWERS  | 1. Never<br>2. Monthly or less<br>3. 2-4 times a month<br>4. 2-3 times a week<br>5. 4 or more times a week<br>88. Don't Know<br>99. Decline to answer   | IF NEVR: SKIP TO Q1704                               |          |
| 1702. | During the past 6 months, how many drinks containing alcohol did you have on a typical day when you were drinking?<br>DO NOT READ ANSWERS  | 1. 1 or 2<br>2. 3 or 4<br>3. 5 or 6<br>4. 7 or 9<br>5. 10 or more<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1703. | During the past 6 months, how often did you have six or more drinks on one occasion?<br>DO NOT READ ANSWERS  | 1. Never<br>2. Less than monthly<br>3. Monthly<br>4. Weekly<br>5. Daily or almost daily<br>88. Don't Know<br>99. Decline to answer  |  |          |
| 1704. | <i>INTERVIEWER: Some people have tried a range of different types of drugs. How often have you used the following drugs in the past 6 months</i><br>HAVE RESPONDENT ANSWER FOR EACH SEPARATELY<br>1. Heroin<br>2. TIK<br>3. Ecstasy<br>4. Marijuana<br>5. Cat<br>6. Crystal Meth<br>7. Alcohol<br>8. Cocaine | Frequency Table<br>1. Did not use this drug in the last 6 months<br>2. Monthly or less<br>3. Several times a month<br>4. Two to four times a month<br>5. Two to three times a week<br>6. Four or more times a week<br>7. Never used drug<br>88. Don't Know<br>99. Decline to answer |  |          |

| #     | Question  | Response Set  | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|---|--|----------|
|       | 9. Nyaope<br>10. Mandrax<br>11. Wunga   |   |  |          |
| 1705. | Some people have tried injecting drugs using a syringe or needle. Have you ever injected drugs before today?    | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  | IF NO: SKIP TO Q1801                                 |          |
| 1706. | Some people have tried injecting drugs using a syringe or needle. Have you injected drugs in the past 6 months? | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  | IF NO: SKIP TO Q1801                                 |          |
| 1707. | How frequently did you inject drugs in the past 6 months?   | 1. Monthly or less<br>2. Two to four times a month<br>3. Two to three times a week<br>4. Four or more times a week<br>88. Don't Know<br>99. Decline to answer |  |          |
| 1708. | What drug do you normally inject?<br>RECORD ALL MENTIONED   | 1. Heroin<br>6. Crystal Meth/Tik<br>8. Cocaine<br>10. Other (specify):<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 1709. | Have you shared a syringe or needle with anyone else when injecting drugs in the last 6 months?                 | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer  |  |          |



| #         | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|--|--|----------|
| 1710.     | Are you aware of any drug treatment programme that may be available for you? | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 1711.     | Have you ever been in a drug treatment programme?                            | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 1712.     | In the last 6 months, have you ever been in a drug treatment programme?      | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| 1713.     | In the last 6 months did you sell sex for drugs?                             | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| <b>18</b> | <b>GENDER/SEX/SEXUALITY</b>  | <b>The following questions are about how you think about yourself in terms of your sex and your sexuality.</b>   |  |          |
| 1801.     | Do you currently feel more sexually attracted to men or to women?            | 1. Only to women<br>2. More to women than to men<br>3. To women and men equally<br>4. More to men than to women<br>5. Only to men<br>88. Don't know<br>99. Decline to answer |  |          |

| #     | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|--|--|--|----------|
| 1802. | What word would you use to describe your sexuality?  | 1. Gay<br>2. Homosexual<br>3. Bisexual<br>4. Straight<br>5. Heterosexual<br>8. Other, please specify:<br>88. Don't know<br>99. Decline to answer |  |          |
| 1803. | What word would you use to describe your gender?   | 1. Man<br>2. Woman<br>3. Transgender<br>8. Other, please specify:<br>88. Don't know<br>99. Decline to answer                                     |  |          |
|       | How do you see yourself in terms of masculinity and femininity? "Masculine" refers to men or women who feel, look and act like "real" men or in a manner which most people think that men should be like. "Feminine" is the opposite of masculine and refers to what usually is expected from women. People, men or women, who look and behave like "real" women are called feminine. Indicate on a scale from "not at all" to "extremely" how masculine and feminine you think you are. |  |  |          |
| 1901. | In general, how masculine do you think you are?  | 1. Not at all<br>2. Very little<br>3. Fairly<br>4. Very much<br>5. Extremely   |  |          |
| 1902. | In general, how masculine do you act and behave?   | 1. Not at all<br>2. Very little<br>3. fairly<br>4. Very much<br>5. Extremely   |  |          |

| #         | Question   | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-----------|--|--|--|----------|
| 1903.     | How masculine do you think you appear and come across to others?   | 1. Not at all<br>2. Very little<br>3. Fairly<br>4. Very much<br>5. Extremely                                       |  |          |
| 1904.     | In general, how feminine do you think you are?   | 1. Not at all<br>2. Very little<br>3. Fairly<br>4. Very much<br>5. Extremely                                       |  |          |
| 1905.     | In general, how feminine do you act and behave?  | 1. Not at all<br>2. Very little<br>3. Fairly<br>4. Very much<br>5. Extremely                                       |  |          |
| 1906.     | How feminine do you think you appear and come across to others?  | 1. Not at all<br>2. Very little<br>3. Fairly<br>4. Very much<br>5. Extremely                                       |  |          |
| 1907.     | Have you ever thought of yourself as a woman?  | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer   |  |          |
| <b>20</b> | <b>POPULATION SIZE ESTIMATION</b>  |  |  |          |
| 2001.     | Before we started the survey we passed out some objects in the community. This was done by outreach workers and they may have told you to keep it and not give to anyone. Did you receive any of the object shown on this card? (Interviewer, show participant the card with picture of many objects)? | 1. Shows the right object<br>2. Shows the wrong object<br>NO<br>3. Cannot show/don't know<br>99. Decline to answer |  |          |

| #     | Question  | Response Set   | Instructions to Questionnaire programmer/interviewer | Comments |
|-------|---|--|--|----------|
| 2002. | On {Date} did you attend an event hosted by (organization) held at (location name). | 1. Yes<br>2. No<br>88. Don't Know<br>99. Decline to answer |  |          |
|       | Between January 1 and June 15, 2019 did you...                                      |  |  |          |
|       | (Johannesburg (Gauteng) Site)   |  |  |          |
| 2003. | ...receive HIV services at Anova – Health4Men?                                      |  |  |          |
|       | (North West (Mahikeng) Site)  |  |  |          |
| 2004. | receive service from Gay Umbrella   |  |  |          |
|       | (Cape Town (Western Cape) Site)   |  |  |          |
| 2005. | ...receive service at the Ivan Toms Centre for Men's Health?                        |  |  |          |