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| **About the Measure** | |
| **Protocol Id** | 101701 |
| **Domain:** | Reproductive Health |
| **Measure:** | Sexual Risk Behavior |
| **Definition:** | The purpose of these questions is to ascertain the participants’ risk of sexually transmitted infection. |
| **Purpose:** | The purpose of these questions is to assess participants’ risk of sexually transmitted infection. Chromosomal differences may affect sexual behavior and orientation and may be differentially expressed as a result of environmental factors (e.g., endocrine disruptors). |
| **Essential PhenX Protocols:** | Current Age [10101] |
| **Related PhenX Protocols:** | Contraceptive Methods - Female [100301] Contraceptive Methods - Male [100302] Current Contraception Use - Female [100303] Current Contraception Use - Male [100304] Difficulty in Conceiving [100401] Difficulty Getting Pregnant - Current Duration [100402] Difficulty Getting Pregnant - Prospective Assessment [100403] Difficulty Getting Pregnant - Retrospective Assessment [100404] |
| **Measure Release Date:** | April 11, 2017 |

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| **About the Protocol** | |
| **Protocol Release Date:** | April 11, 2017 |
| **Protocol Review Date:** | April 11, 2017 |
| **PhenX Protocol Name:** | Sexual Risk Behavior - Male |
| **Protocol Name From Source:** | National Health and Nutrition Examination Survey (NHANES), Sexual Behavior Module, 2011-2012 |
| **Protocol Availability:** | Available |
| **Keywords:** | Reproductive health; contraceptive use; sexual history; sexual preference; sexual orientation; intercourse; National Health and Nutrition Examination Survey; NHANES |
| **Description:** | The purpose of this measure is to quantify sexual risk behavior in women or men. The measure quantifies both same-sex and opposite-sex interactions. |
| **Specific Instructions:** | The PhenX Expert Review Panel recommends asking these questions of participants aged 12-69. |
| **Protocol:** | The next set of questions is about your sexual history. By sex, we mean vaginal, oral, or anal sex. Please remember that your answers are strictly confidential.  FOR AGES 14-17  1. Have you ever had any kind of sex  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  FOR AGES ABOVE 17  2. Have you ever had vaginal sex, also called sexual intercourse, with a woman? This means putting your penis in a woman’s vagina.  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  3. Have you ever performed oral sex on a woman? This means putting your mouth on a woman’s vagina or genitals.  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  4. Have you ever had anal sex with a woman? This means contact between your penis and a woman’s anus or butt.  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  5. How old were you the first time you had any kind of sex, including {vaginal, anal, or oral/vaginal or anal/vaginal or oral/anal or oral/vaginal/anal/oral}?  \_\_\_ \_\_\_\_ Enter age in Years  [ ] 77 Refused  [ ] 99 Don’t Know  6. In your **lifetime**, with how many **women** have you had **any** kind of sex?  Please enter a number: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know  7. In the **past 12 months**, with how many **women** have you had **any** kind of sex?  Please enter a number: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know  (If Q2 = 1)  8. In **your lifetime**, with how many **women** have you had **vaginal** sex? Vaginal sex means your penis in woman’s vagina.  Please enter a number: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know  (If Q2 = 1)  9 In the **past 12 months**, with how many **women** have you had **vaginal** sex? Vaginal sex means your penis in a woman’s vagina.  Please enter a number or enter zero for none: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know  10. In the **past 12 months**, about how often have you had [vaginal or anal/vaginal/anal] sex without using a condom?  [ ] 1 Never  [ ] 2 Less than half of the time  [ ] 3 About half of the time  [ ] 4 Not always, but more than half of the time  [ ] 5 Always  [ ] 7 Refused  [ ] 9 Don’t Know  11. Have you **ever** had **any** kind of sex with a man, including oral or anal?  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  12. Have you ever performed oral sex on a man? Performing oral sex means your mouth on a man’s penis or genitals.  Please select:  [ ] 1 Yes  [ ] 2 No  [ ] 7 Refused  [ ] 9 Don’t Know  (If Q12 = 1)  13. In **your lifetime**, on how many **men** have you **performed oral** sex?  Please enter a number: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know  (If Q11 = 1)  14. In the past 12 months, with how many men have you had anal sex?  Please enter a number: \_\_\_\_\_\_\_\_\_\_\_\_\_  [ ] 77777 Refused  [ ] 99999 Don’t Know |
| **Selection Rationale:** | This instrument was chosen based on its comprehensive nature and use of lay language. |
| **Source:** | Centers for Disease Control and Prevention (CDC). (2011). 2011-2012 National Health and Nutrition Examination Survey (NHANES), Sexual Behavior Questionnaire. <https://www.cdc.gov/nchs/data/nhanes/nhanes_11_12/sxq_acasi.pdf>.  Certification for the Spanish translation can be found [link[www.phenxtoolkit.org/toolkit\_content/Spanish/translation\_certification\_feb2018.pdf|here]]. |
| **Language** | English Spanish |
| **Participant:** | 14-69 years of age |
| **Personnel and Training Required:** | The interviewer must be trained to conduct personal interviews with individuals from the general population. The interviewer must be trained and found to be competent (i.e., tested by an expert) at the completion of personal interviews. The interviewer should be trained to prompt participants further if a "don’t know" response is provided. |
| **Equipment Needs:** | If a computer-assisted instrument is used, computer software may be necessary to develop the instrument. The interviewer will require a laptop computer/handheld computer to administer a computer-assisted questionnaire. |
| **Standards** |  |
| **General References:** | Chaturvedi, A. K., Graubard, B. I., Broutian, T., Pickard, R. K., Tong, Z. Y., Xiao, W., Kahle, L., Gillison, M. L. (2015). NHANES 2009-2012 Findings: Association of Sexual Behaviors with Higher Prevalence of Oral Oncogenic Human Papillomavirus Infections in U.S. Men. *Cancer Res*, 75(12): 2468-2477.  Liu, G., Hariri, S., Bradley, H., Gottlieb, S. L., Leichliter, J. S., Markowitz, L. E. (2015). Trends and Patterns of Sexual Behaviors Among Adolescents and Adults Aged 14 to 59 Years, United States. *Sexually Transmitted Diseases,* 42(1): 20-26.  Mirzaei, M., Ahmadi, K., Saadat, S.-H., & Ramezani, M. A. (2016). Instruments of high risk sexual behavior assessment: A systematic review. *Materia Socio-Medica, 28*(1), 46-50. |
| **Mode of Administration:** | Self-administered questionnaire |
| **Derived Variables:** | None |
| **Requirements:** | |  |  | | --- | --- | | **Requirement Category** | **Required (Yes/No)** | | **Major equipment** | No | | **Specialized training** | No | | **Specialized requirements for biospecimen collection** | No | | **Average time of greater than 15 minutes in an unaffected individual** | No | |
| **Annotations for Specific Conditions:** | None |
| **Process and Review:** | The [link[www.phenxtoolkit.org/about/teams#erp5-members|Expert Review Panel #5]] (ERP 5) reviewed the measures in the Reproductive Health domain.  Guidance from ERP 5 includes:  · Added a new measure  · New Data Dictionary |