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| **Domain:** | Reproductive Health |
| **Measure:** | Male Sexual Function |
| **Definition:** | Questions to determine whether a male participant has certain types of sexual function difficulties. |
| **Purpose:** | The purpose of these questions is to determine whether the participant ever had sexual difficulties regarding erection and/or performance. |
| **Essential PhenX Measures:** | Current AgeSexual History |
| **Related PhenX Measures:** |  |
| **Collections:** | Infertility and Sexual DysfunctionPregnancy and Fertility History |
| **Keywords:** | Reproductive health, male sexual function, erectile dysfunction, the International Index of Erectile Dysfunction (IIEF), Study for Future Families |

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| **Protocol Release Date:** | February 26, 2010 |
| **PhenX Protocol Name:** | Male Sexual Function |
| **Protocol Name from Source:** | The Expert Review Panel has not reviewed this measure yet. |
| **Description:** | The participant answers whether he has had difficulty with erections and sexual function. |
| **Specific Instructions:** | Note: At the recommendation of the PhenX Reproductive Health Working Group, the response categories in questions 1A-1D have been reversed from the original questions. |
| **Protocol:** | 1. How often did you have difficulty with any of the following? A. Achieving an erection[ ] 1 Almost never[ ] 2 Sometimes[ ] 3 Often[ ] 4 Almost alwaysB. Ejaculating too early[ ] 1 Almost never[ ] 2 Sometimes[ ] 3 Often[ ] 4 Almost alwaysC. Difficulty ejaculating[ ] 1 Almost never[ ] 2 Sometimes[ ] 3 Often[ ] 4 Almost alwaysD. Lack of interest in sex[ ] 1 Almost never[ ] 2 Sometimes[ ] 3 Often[ ] 4 Almost always2. Over the past four weeks how often were you able to get an erection during sexual activity?[ ] 0 No sexual activity[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always3. Over the past four weeks when you had erections with sexual stimulation, how often were your erections hard enough for penetration?[ ] 0 No sexual activity[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always4. Over the past four weeks when you attempted sexual intercourse, how often were you able to penetrate (enter) your partner?[ ] 0 Did not attempt intercourse[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always5. Over the past four weeks during sexual intercourse, how often were you able to maintain your erection after you had penetrated (entered) your partner?[ ] 0 Did not attempt intercourse[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always6. Over the past four weeks during sexual intercourse, how difficult was it to maintain your erection to completion of intercourse?[ ] 0 Did not attempt intercourse[ ] 1 Extremely difficult[ ] 2 Very difficult[ ] 3 Difficult[ ] 4 Slightly difficult[ ] 5 Not difficult7. Over the past four weeks how many times have you attempted sexual intercourse?[ ] 0 No attempts[ ] 1 One or two attempts[ ] 2 Three to four attempts[ ] 3 Five to six attempts[ ] 4 Seven to ten attempts[ ] 5 Eleven+ attempts8. Over the past four weeks when you attempted sexual intercourse, how often was it satisfactory for you?[ ] 0 Did not attempt intercourse[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always9. Over the past four weeks how much have you enjoyed sexual intercourse?[ ] 0 No intercourse[ ] 1 No enjoyment[ ] 2 Not very enjoyable[ ] 3 Fairly enjoyable[ ] 4 Highly enjoyable[ ] 5 Very highly enjoyable10. Over the past four weeks when you had sexual stimulation or intercourse, how often did you ejaculate?[ ] 0 No sexual stimulation/intercourse[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always11. Over the past four weeks when you had sexual stimulation or intercourse, how often did you have the feeling of orgasm or climax?[ ] 0 No sexual stimulation/intercourse[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always12. Over the past four weeks how often have you felt sexual desire?[ ] 1 Almost never/never[ ] 2 A few times (much less than half the time)[ ] 3 Sometimes (about half the time)[ ] 4 Most times (much more than half the time)[ ] 5 Almost always/always13. Over the past four weeks how would you rate your level of sexual desire?[ ] 1 Very low/none at all[ ] 2 Low[ ] 3 Moderate[ ] 4 High[ ] 5 Very high14. Over the past four weeks how satisfied have you been with your overall sex life?[ ] 1 Very dissatisfied[ ] 2 Moderately dissatisfied[ ] 3 About equally satisfied and dissatisfied[ ] 4 Moderately satisfied[ ] 5 Very satisfied15. Over the past four weeks how satisfied have you been with your sexual relationship with your partner?[ ] 1 Very dissatisfied[ ] 2 Moderately dissatisfied[ ] 3 About equally satisfied and dissatisfied[ ] 4 Moderately satisfied[ ] 5 Very satisfied16. Over the past four weeks how do you rate your confidence that you could get and keep an erection?[ ] 1 Very low[ ] 2 Low[ ] 3 Moderate[ ] 4 High[ ] 5 Very high |
| **Selection Rationale:** | The Rosen questionnaire is the standard questionnaire currently used by researchers in the field of male sexual function. Question 1 adds additional important general information. |
| **Source:** | Swan SH, Brazil C, Drobnis EZ, et al. "Geographic Differences in Semen Quality of Fertile U.S. Males." Environmental Health Perspectives 111(4): 414-420. Question number 16 (question 1). Utilizes question from Study for Future Families.Rosen RC, Riley A, Wagner G., et al. (1997). The International Index of Erectile Dysfunction (IIEF): A Multidimensional Scale for the Assessment of Erectile Dysfunction. Urology, 49(6): 822-830. (questions 2-16). |
| **Life Stage:** | Adult |
| **Language of source:** | English |
| **Participant:** | Adult males 18 years and olderSwan, et al. sample included males 18-53 (question 1).Rosen, et al. sample included males 18 and older with a clinical diagnosis of erectile dysfunction (questions 2-16). |
| **Personnel and Training Required:** | None |
| **Equipment Needs:** | Pencil and paper |
| **Standards:** |

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| **Standard** | **Name** | **ID** | **Source** |
| Common Data Element (CDE) | Male Sexual Function | 3007476 | [CDE Browser](https://cdebrowser.nci.nih.gov/CDEBrowser/search?elementDetails=9&FirstTimer=0&PageId=ElementDetailsGroup&publicId=3007476&version=1.0) |
| Logical Observation Identifiers Names and Codes (LOINC) | Male sexual func proto | 62666-3 | [LOINC](http://s.details.loinc.org/LOINC/62666-3.html?sections=Web) |

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| **General references:** | Berner MM, Kriston L, Harms A. (2006). Efficacy of PDE-5-inhibitors for erectile dysfunction. A comparative meta-analysis of fixed-dose regimen randomized controlled trials administering the International Index of Erectile Function in broad-spectrum populations. Int J Impot Res.,18(3):229-35. PubMed PMID: 16239897. |
| **Mode of Administration:** | Self-administered questionnaire |
| **Derived Variables:** | None |
| **Requirements:** |

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| **Requirement Category** | **Required** |
| Major equipment | No |
| Specialized training | No |
| Specialized requirements for biospecimen collection | No |
| Average time of greater than 15 minutes in an unaffected individual | No |

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| **Process and Review:** | The Expert Review Panel has not reviewed this measure yet. |