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| **Posttraumatic Stress Disorder (PTSD)** |
| **Protocol Id** | 121401 |
| **Description of Protocol** | The Diagnostic Interview for Genetic Studies (DIGS) Posttraumatic Stress Disorder (PTSD) Screener is a 20-question, interviewer-administered questionnaire designed to screen for symptoms of Posttraumatic Stress Disorder. This instrument was adapted from the Genetics of Recurrent Early-Onset Depression (GenRED) research study. |
| **Specific Instructions** | The Diagnostic Interview for Genetic Studies (DIGS) protocol and the PTSD Checklist included in the [PTSD Symptoms, Self-report](https://www.phenxtoolkit.org/index.php?pageLink=browse.protocols&id=630300) measure collect information that is very similar. Therefore, including both the PTSD Checklist and DIGS will result in selecting overlapping protocols. In contrast to the DIGS, the PTSD Checklist does not exclude participants that do not meet Criterion A2 (intense feelings of fear, helplessness, or horror). |
| **Protocol Text** | 1. Have you ever experienced, witnessed, or otherwise been involved in any events that could have brought serious harm or even death to you or someone else?

0 [ ] No1 [ ] Yes9 [ ] Unknown1.a **If yes:** *Specify (in general) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**If 1 is no, protocol is complete**1. Did this event cause you to have intense feelings of fear, helplessness, or horror?

0 [ ] No1 [ ] Yes9 [ ] Unknown2.a **If yes:** *Specify* *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***If 2 is no, protocol is complete**1. Have you ever been bothered by unwanted thoughts, or dreams, or images that kept coming back to you, about a traumatic event that you experienced or witnessed?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Have you ever felt as if you were reliving some traumatic event that you experienced or witnessed?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Have you ever been intensely distressed or extremely anxious when you were reminded in some way about a traumatic event that you experienced or witnessed?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown**If 3-5 are all no, protocol is complete**1. Have you tried in general to avoid thinking or talking about the event?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Have you tried in general to avoid activities, places, or people that remind you of the event?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Are you unable to recall important parts of the event?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Since the event, do you tend to feel detached from other people?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Since the event, have you been unable to experience a full range of feelings?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Since the event, have you found yourself unable to see a future for yourself?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown**If less than 3 symptoms, protocol is complete**Since this event happened, have you had problems with... 1. ...difficulty falling asleep or staying asleep (apart from depression or mania)?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. ...irritability or angry outbursts (apart from depression or mania)?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. *...*difficulty concentrating (apart from depression or mania)?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. *...*being too much on alert?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. *...*being too easily startled?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Have you been very upset about having these symptoms?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. Have these symptoms interfered with your ability to work, to be with others, or to function in other areas of life?

 0 [ ] No 1 [ ] Yes 9 [ ] Unknown1. How long did these symptoms (from questions 3-18) last?

Indicate the number of months \_\_\_\_\_\_\_\_\_1. When did the traumatic event occur (if several, ask about the event most closely associated with symptoms)?

\_\_\_ Month \_\_\_\_Year1. When did you start to experience these symptoms (from questions 3-18)?

\_\_\_ Month \_\_\_\_Year21.a **INTERVIEWER**: Compute age of onset\_\_\_ Age |
| **Selection Rationale** | The Diagnostic Interview for Genetic Studies (DIGS) Posttraumatic Stress Disorder (PTSD) Screener was vetted against similar protocols and selected because it is a validated, brief instrument that is low burden for investigators and respondents. |
| **Source** | National Institute of Mental Health (NIMH). Genetics of Recurrent Early-Onset Depression (GenRED) Research Study. (2006). Diagnostic Interview for Genetic Studies (DIGS). Posttraumatic Stress Disorder Section. |
| **Language** | English |
| **Participant** | Adults aged 18 years and older |
| **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. |
| **Equipment Needs** | While the source protocol was developed to be administered by a computer-assisted instrument, the PhenX Psychiatric Working Group acknowledges these questions can be administered in a noncomputerized format (i.e., paper-and-pencil instrument). Computer software is necessary to develop computer-assisted instruments. The interviewer will require a laptop computer/handheld computer to administer a computer-assisted questionnaire. |
| **Standards** |

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| **Standard** | **Name** | **ID** | **Source** |
| Common Data Element (CDE) | Person Post-Traumatic Stress Disorder Assessment Score | 3075485 | [CDE Browser](https://cdebrowser.nci.nih.gov/CDEBrowser/search?elementDetails=9&FirstTimer=0&PageId=ElementDetailsGroup&publicId=3075485&version=1.0) |
| Logical Observation Identifiers Names and Codes (LOINC) | Posttraumatic stress disorder proto | 62748-9 | [LOINC](http://s.details.loinc.org/LOINC/62748-9.html?sections=Web) |

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| **General References** | American Psychiatric Association. (2000). *Diagnostic and statistical manual of mental disorders* (4th ed., text revision). Washington, DC: Author. |
| **Protocol Type** | Interviewer-administered questionnaire |
| **Derived Variables** | None |
| **Requirements** |

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| **Requirement Category** | **Required** |
| Average time of greater than 15 minutes in an unaffected individualAverage time of greater than 15 minutes in an unaffected individual | No |
| Major equipmentThis measure requires a specialized measurement device that may not be readily available in every setting where genome wide association studies are being conducted. Examples of specialized equipment are DEXA, Echocardiography, and Spirometry | No |
| Specialized requirements for biospecimen collectionThis protocol requires that blood, urine, etc. be collected from the study participants. | No |
| Specialized trainingThis measure requires staff training in the protocol methodology and/or in the conduct of the data analysis. | No |

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