



Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

After downloading the hearScreen USA app, the user attaches earphones to the tablet/smartphone and opens the app. Note that the app will detect whether or not earphones are being used and will not continue if they are not attached to the device.

There are a few demographic questions at the beginning of the app.

The user will be prompted to adjust the volume to a comfortable level and begin the hearing test.

The app will say 3 digits, for example “1, 4, 8,” after which the user enters the numbers on the tablet/phone. This is repeated 23 times. Background noise is present throughout the test and will make hearing the digits more difficult.

The app will compute the total and provide a score at the end of the test.

If a hearing loss is detected, the user will be provided with an option to be connected to the nearest audiologist who is registered in the app’s system, based on geolocation. Audiologists who receive referrals can follow up with prospective patients regarding receiving a diagnostic consultation.

Protocol source: <https://www.phenxtoolkit.org/protocols/view/201801>