



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.

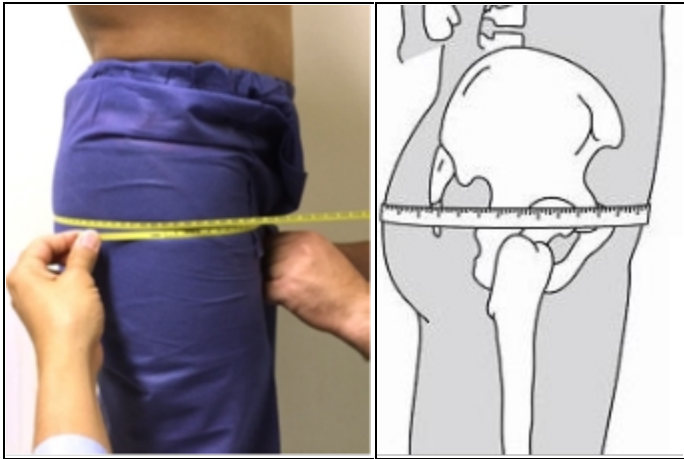
Hip (Buttocks) Circumference

The last circumference measure consists of the hip or buttocks circumference. Exam staff will collect the hip circumference on participants aged 12 years and older. Follow the procedures below to obtain this measure:

1. **Position the SP.** If you have not done so already, instruct the SP to gather the shirt gown above the waist and clip it on the front so it will not interfere with the measurements. Instruct the participant to cross his or her arms and place his or her hands on opposite shoulders. Demonstrate the desired position of the arms. It may help to tell SPs to think of giving themselves a hug. If necessary, ask the SP to raise the waistband of his or her pants to smooth out any gathers.
2. **Take the Measurement.** The recorder stands in front of the SP and gathers the side seams of the exam pants and makes a fold. The recorder holds the folded sides of the pants snugly; this minimizes the amount of material included in the measurement and helps to define the maximum protuberance of the buttocks when viewed in profile. The examiner squats on the right side of the SP and positions the tape in a horizontal plane (**Exhibit 1**). Use the wall mirror to ensure the horizontal alignment of the tape. While the examiner remains on the SP's right side, the recorder will release the folds and come around to the SP's left side to check the placement of the tape. Check that the tape sits parallel to the floor and lies snug. Always position the zero end of the tape below the section containing the measurement value. Take the measurement to the nearest 0.1 cm at the end of the SP's normal expiration.

Record the Result. Call the result to the recorder, who will enter this number on the ISIS screen.

Exhibit 1. Measuring tape position for hip (buttocks) circumference



Protocol source: <https://www.phenxtoolkit.org/protocols/view/20803>