HCHS/SOL- Family Lifestyle Outcomes Research

Bone Mineral Density Testing (DXAE)

QXQ

12/2/2019

General Instructions

SOL FLOR staff will accompany participant and her child to the DXA scan location and take note of needed information using a printout of the DXAE form. This information will be data-entered in CDART as soon as possible after the scan is completed and the scan printout is received.

QxQ Instructions

Section A: Prefilled by CDART

Questions 1 – 5. Information in this section will be auto-filled by CDART from other FLOR forms completed during the visit. Please note: Q2 Weight and Q3 Height measurements taken for the Anthropometry (ANTE) form are calculated by CDART into pounds and inches and imported to the DXAE form, so <mark>be sure to complete the Anthropometry measurements in ANTE first</mark>.

In the event that the DXAE is mistakenly completed before the ANTE it will need to be re-entered. The steps are as follows:
1. Print DXAE form entered in CDART to prevent data loss
2. Delete DXAE form in CDART
3. Complete the ANTE with correct information
4. Re-enter DXAE using information from printed DXAE form and reattaching the printouts from DXAE tech.

Section B: Entered by SOL FLOR staff

Questions 6. Record the Tech Staff ID number assigned to the DXA technician who conducted the scan. Tech staff expected for each site and their assigned ID is as follows:

Collette	Jones	Tech/Bronx	756
Carmen	Mauricio	Tech/Chicago	757
Patricia	Graham	Tech/Miami	758
David	Wing	Tech/San Diego	759
Jeanne	Nichols	Tech/San Diego	760

If a change occurs in technician staff during the study period, please notify the DCC so a new Tech Staff ID can be assigned.

Question 7. Is DXA measurement the same day at the clinic date?
    Answer choices are:
        0=No
        1=Yes

If 1=Yes, go to Question 8. If 0=No, enter the date the scan is actually performed and WEIGH the child before proceeding with the scan. Record the weight of the child IN POUNDS on the scan day.

Question 8. When was the last meal eaten?

    This refers to the most recent meal before the scan. Record time last meal was eaten in hours and minutes using a 24-hour format (i.e. 12:00 = 12 noon and 13:00 = 1 p.m.):

                __ __ : __ __ HH:MM

Question 9. Time when procedure was performed.
    Record time the scan was performed in hours and minutes using a 24-hour format (i.e. 12:00 = 12 noon and 13:00 = 1 p.m.):

                __ __ : __ __ HH:MM

Question 10. Did the child use the bathroom before the scan?
    Answer choices are:
        0=No
        1=Yes

Question 11. Other positioning aids?
    This refers to cushioned shapes, pillows, etc. that may have been used to help child hold position for the scan.

    Answer choices are:
        0=No
        1=Yes [Go to Q11a]
            Q11a. If Yes, specify type:_____

Question 12. Child moved during scan?

Answer choices are:

      0=No

      1=Yes [Go to Q12a]

            Q12a. If Yes, specify movement:_____

Section C: Measurements

Question 13. DXA machine type:

      Answer choices are:

            1=Hologic

            2=GE

Questions 13a – 13g enter values from the DXA scan printout:

	If Hologic	If GE	Units
13a.	Total BMC	Total BMC	grams
13b.	Total Fat Mass	Total fat	grams
13c.	Total Lean Mass	Total lean	grams
13d.	Total Mass	N/A	grams
13e.	N/A	Total Mass	kilos
13f.	Total % Fat	Region % fat	%
13g.	Android Fat Mass	Android fat	grams

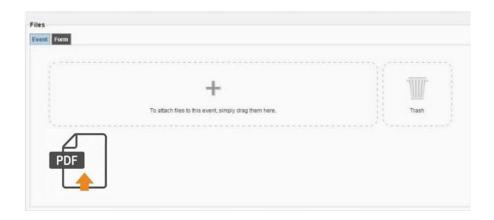Complete data-entry as soon as possible after the test.

Attach forms

Scan the desired form as a pdf document and upload the pdf by dragging the file into the box at the bottom of the form in CDART:

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Naming convention for attachments to CDART: DXA, growth curves, Tanita print out. All documents will be scanned SEPARATELY and will uploaded to the DXAE form in CDART. Documents should be named as follows:

> CHILDSUBJID_DXAE - All Printouts from the DXA machine
> CHILDSUBJID_ANTE - Tanita scale printout
> CHILDSUBJID_CWVE - Growth charts (if available)