

Biospecimen Placenta and Umbilical Cord Data Collection Instrument

|  |  |
| --- | --- |
| **Event:** | Birth |
| **Participant:** | Mother |
| **Domain:** | Biospecimen |
| **Type of Document:** | Data Collection Instrument |
| **Allowable Mode:** | In-person (CAPI) |
| **Allowable Method:** | Interviewer-Administered |
| **Recruitment Groups:** | EH, PB, HI, PBS |
| **Version:** | 1.0 |
| **Release:** | MDES 3.3 |

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**Biospecimen Placenta and Umbilical Cord Data Collection Instrument**

**GENERAL PROGRAMMER INSTRUCTIONS:**

When programming instruments, validate field lengths and types against the MDES to ensure data collection responses do not exceed those of the MDES. Some general item limits used are as follows:

|  |  |  |
| --- | --- | --- |
| **DATA ELEMENT FIELDS** | **MAXIMUM CHARACTERS PERMITTED** | **PROGRAMMER INSTRUCTIONS** |
| ADDRESS AND EMAIL FIELDS | 100 |  |
| UNIT AND PHONE FIELDS | 10 |  |
| \_OTH AND COMMENT FIELDS | 255 |  |
| FIRST NAME AND LAST NAME | 30 |  |
| ALL ID FIELDS | 36 |  |
| ZIP CODE | 5 |  |
| ZIP CODE LAST FOUR | 4 |  |
| CITY | 50 |  |
| DOB AND ALL OTHER DATE FIELDS (E.G., DT, DATE, ETC.) | 10 | * DISPLAY AS MM/DD/YYYY * STORE AS YYYY-MM-DD * HARD EDITS:   MM MUST EQUAL 00 TO 12  DD MUST EQUAL 01 TO 31  YYYY MUST BE BETWEEN 1900 AND CURRENT YEAR. |
| TIME VARIABLES | TWO-DIGIT HOUR AND TWO-DIGIT MINUTE, AM/PM DESIGNATION | * HARD EDITS:   HOURS MUST BE BETWEEN 00 AND 12;  MINUTES MUST BE BETWEEN 00 AND 59 |

**Instrument Guidelines for Participant and Respondent IDs:**

Prenatally, the P\_ID in the MDES header is that of the participant (e.g. the non-pregnant woman, pregnant woman, or the father).

Postnatally, a Respondent ID will be used in addition to the Participant ID because somebody other than the participant may be completing the interview. (For example, the Participant may be the Child and the Respondent may be the Mother, Father, or another Caregiver). Therefore, MDES Version 2.2 and all future versions contain a **R\_P\_ID** (Respondent Participant ID) header field for each post-birth instrument. This will allow Study Centers to indicate whether the respondent is somebody other than the participant about whom the questions are being asked.

**A Reminder:**

All respondents must be consented and have records in the Person, Participant, Participant\_Consent and LINK\_PERSON\_PARTICIPANT tables, which can be preloaded into each instrument. Additionally, in post-birth questionnaires where there is the ability to loop through a set of questions for multiple children, it is important to capture and store the correct child **P\_ID** along with the loop information. In the MDES Variable Label/Definition column, this is indicated as follows: **External Identifier: Participant ID for child detail.**

DATA COLLECTOR-COMPLETED QUESTIONS

(TIME\_STAMP\_PUC\_ST) PROGRAMMER INSTRUCTION:

* INSERT DATE/TIME STAMP.

**PUC001.** AS PART OF THE NATIONAL CHILDREN'S STUDY (NCS), WE ARE ASKING YOU TO COLLECT THE PLACENTA AND ATTACHED UMBILICAL CORD. ALL THE MATERIALS NEEDED FOR THIS COLLECTION ARE INCLUDED IN THE NCS PLACENTA AND UMBILICAL CORD COLLECTION KIT. PLEASE FOLLOW THE INSTRUCTIONS IN THE KIT AND COMPLETE ALL RELEVANT ITEMS IN THIS INSTRUMENT.

**PUC005/(** **R\_FNAME)/(R\_MNAME)/(R\_LNAME).** WHAT IS THE MOTHER’S NAME?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FIRST NAME MIDDLE NAME LAST NAME

**(M\_FNAMEP) (R\_MNAME) (R\_LNAME)**

DON’T KNOW -2

**INTERVIEWER INSTRUCTIONS:**

* CONFIRM SPELLING.
* IF RESPONDENT REFUSES TO PROVIDE FIRST NAME, ASK FOR INITIALS.

**PUC010/(CHILD\_NAME\_A).** WHAT IS CHILD A’S NAME?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CHILD A NAME

DON’T KNOW -2

**PUC020/(CHILD\_NAME\_B).** CHILD B’S NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CHILD B NAME

DON’T KNOW -2

NOT APPLICABLE -7

**PUC030/(MOTHER\_DOB\_A).** MOTHER’S DATE OF BIRTH:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE MOTHER’S DATE OF BIRTH.
* RECORD THE DATE AS TWO-DIGIT MONTH, TWO-DIGIT DAY, AND FOUR-DIGIT YEAR.

MONTH: |\_\_\_|\_\_\_|

M M

DAY: |\_\_\_|\_\_\_|

D D

YEAR: |\_\_\_|\_\_\_|\_\_\_|\_\_\_|

Y Y Y Y

REFUSED -1

DON’T KNOW -2

**PROGRAMMER INSTRUCTIONS:**

* HARD EDIT: INCLUDE HARD EDIT IF YEAR IS < 2012.
* HARD EDIT: INCLUDE HARD EDIT IF DATE AND TIME IS GREATER THAN CURRENT DATE AND TIME.

**PUC040/(CHILD\_A\_DOB).** CHILD A’S DATE OF BIRTH:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD CHILD A’S DATE OF BIRTH.
* RECORD THE DATE AS TWO-DIGIT MONTH, TWO-DIGIT DAY, AND FOUR-DIGIT YEAR.

MONTH: |\_\_\_|\_\_\_|

M M

DAY: |\_\_\_|\_\_\_|

D D

YEAR: |\_\_\_|\_\_\_|\_\_\_|\_\_\_|

Y Y Y Y

REFUSED -1

DON’T KNOW -2

**PROGRAMMER INSTRUCTIONS:**

* HARD EDIT: INCLUDE HARD EDIT IF HOURS, MINUTES, MONTH, OR DAY ARE NOT TWO DIGITS. (FILL THE SPACE WITH 0 AS NECESSARY).
* HARD EDIT: INCLUDE HARD EDIT IF YEAR IS < 2012.
* HARD EDIT: INCLUDE HARD EDIT IF DATE AND TIME IS GREATER THAN CURRENT DATE AND TIME.

**PUC050/(TIME\_BIRTH\_CHILDA).** TIME OF CHILD A’S BIRTH:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE TIME AS HH:MM.
* BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY.

|\_\_\_|\_\_\_|:|\_\_\_|\_\_\_|

H H M M

REFUSED -1

DON’T KNOW -2

**PUC060/(TIME\_BIRTH\_CHILDA\_UNIT).** TIME UNIT OF CHILD A’S BIRTH – AM/PM

**DATA COLLECTOR INSTRUCTIONS:**

* MARK THE BOX TO CHOOSE “AM” OR “PM” FOR CHILD A’S TIME OF BIRTH.

AM 1

PM 2

**PUC070/(CHILD\_A\_PID).** PARTICIPANT ID FOR CHILD A:

|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|-|\_\_\_|

CHILD A PID

**PUC080/(CHILD\_B\_DOB).** CHILD B’S DATE OF BIRTH:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD CHILD B’S DATE OF BIRTH.
* RECORD THE DATE AS TWO-DIGIT MONTH, TWO-DIGIT DAY, AND FOUR-DIGIT YEAR.

MONTH: |\_\_\_|\_\_\_|

M M

DAY: |\_\_\_|\_\_\_|

D D

YEAR: |\_\_\_|\_\_\_|\_\_\_|\_\_\_|

Y Y Y Y

REFUSED -1

DON’T KNOW -2

**PROGRAMMER INSTRUCTIONS:**

* HARD EDIT: INCLUDE HARD EDIT IF YEAR IS < 2012.
* HARD EDIT: INCLUDE HARD EDIT IF DATE AND TIME IS GREATER THAN CURRENT DATE AND TIME.

**PUC090/(TIME\_BIRTH\_CHILDB).** TIME OF CHILD B’S BIRTH:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE TIME AS HH:MM.
* BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY.

|\_\_\_|\_\_\_|:|\_\_\_|\_\_\_|

H H M M

REFUSED -1

DON’T KNOW -2

**PUC100/(TIME\_BIRTH\_CHILDB\_UNIT).** TIME UNIT OF CHILD B’S BIRTH – AM/PM

**DATA COLLECTOR INSTRUCTIONS:**

* MARK THE BOX TO CHOOSE “AM” OR “PM” FOR CHILD B’S TIME OF BIRTH.

AM 1

PM 2

**PUC110/(CHILD\_B\_PID).** PARTICIPANT ID FOR CHILD B:

|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|\_\_\_|-|\_\_\_|

CHILD B PID

**PUC120/(PLAC\_COLLECT).** WAS THE PLACENTA COLLECTED?

YES 1 **(TIME\_PLAC\_COLLECT)**

NO 2

**PUC130/(REASON\_PLAC\_NOCOLLECT).** IF NOT, CHOOSE ONE REASON THAT BEST DESCRIBES WHY THE PLACENTA WAS NOT COLLECTED.

PARTICIPANT REFUSAL 1 **(TIME\_STAMP\_PUC\_ET)**

PARENT/GUARDIAN REFUSAL 2 **(TIME\_STAMP\_PUC\_ET)**

DEFECTIVE KIT 3 **(TIME\_STAMP\_PUC\_ET)**

OTHER -5 **(REASON\_PLAC\_NOCOLLECT\_OTH)**

**PUC140/(REASON\_PLAC\_NOCOLLECT\_OTH).**

SPECIFY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(TIME\_STAMP\_PUC\_ET)**

REFUSED -1 **(TIME\_STAMP\_PUC\_ET)**

DON’T KNOW -2 **(TIME\_STAMP\_PUC\_ET)**

**PUC150/(TIME\_PLAC\_COLLECT).** TIME OF COLLECTION OF PLACENTA AND CORD:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE TIME AS HH:MM.
* BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY.

|\_\_\_|\_\_\_|:|\_\_\_|\_\_\_|

H H M M

REFUSED -1

DON’T KNOW -2

**PUC160/(TIME\_PLAC\_COLLECT\_UNIT).** UNIT OF TIME OF COLLECTION OF PLACENTA AND CORD – AM/PM

**DATA COLLECTOR INSTRUCTIONS:**

* MARK THE BOX TO CHOOSE “AM” OR “PM” FOR TIME OF COLLECTION.

AM 1

PM 2

**PUC170/(DATE\_PLACED\_8C).** DATE THE PLACENTA AND CORD WERE PLACED AT 2-8oC:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD DATE PLACENTA AND CORD PLACED AT 2-8oC.
* RECORD THE DATE AS TWO-DIGIT MONTH, TWO-DIGIT DAY, AND FOUR-DIGIT YEAR.

MONTH:

|\_\_\_|\_\_\_|

M M

REFUSED -1

DON’T KNOW -2

DAY:

|\_\_\_|\_\_\_|

D D

REFUSED -1

DON’T KNOW -2

YEAR:

|\_\_\_|\_\_\_|\_\_\_|\_\_\_|

Y Y Y Y

REFUSED -1

DON’T KNOW -2

**PUC180/(TIME\_PLACED\_8C).** TIME THE PLACENTA AND CORD WERE PLACED AT 2-8oC:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE TIME AS HH:MM.
* BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY.

|\_\_\_|\_\_\_|:|\_\_\_|\_\_\_|

H H M M

REFUSED -1

DON’T KNOW -2

**PUC190/(TIME\_PATHLAB\_RECEIVE\_UNIT).** UNIT OF TIME THE PLACENTA AND CORD WERE PLACED AT 2-8oC – AM/PM:

**DATA COLLECTOR INSTRUCTIONS:**

* MARK THE BOX TO CHOOSE “AM” OR “PM” FOR TIME PLACENTA AND CORD WERE PLACED AT 2-8oC.

AM 1

PM 2

**PUC200/(SPECIMEN\_FRESH).** IS THE PLACENTA SPECIMEN FRESH OR FIXED?

FRESH 1 **(SPEC\_TYPE\_COLLECT)**

FIXED 2

**PUC210/(REASON\_SPEC\_FIXED).** WHICH REASON BEST DESCRIBES WHY THE SPECIMEN WAS FIXED?

PLACENTA WAS NOT RELEASED  
WITHIN 5 DAYS OF DELIVERY 1

TISSUE FIXED AS PART OF   
PATHOLOGY LAB EVALUATION 2

**PUC220/(DATE\_SPEC\_FIXED).** DATE THE SPECIMEN WAS FIXED:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD DATE SPECIMEN FIXED.
* RECORD THE DATE AS TWO-DIGIT MONTH, TWO-DIGIT DAY, AND FOUR-DIGIT YEAR.

MONTH:

|\_\_\_|\_\_\_|

M M

REFUSED -1

DON’T KNOW -2

DAY:

|\_\_\_|\_\_\_|

D D

REFUSED -1

DON’T KNOW -2

YEAR:

|\_\_\_|\_\_\_|\_\_\_|\_\_\_|

Y Y Y Y

REFUSED -1

DON’T KNOW -2

**PUC230/(TIME\_SPEC\_FIXED).** TIME THE SPECIMEN WAS FIXED:

**DATA COLLECTOR INSTRUCTIONS:**

* RECORD THE TIME AS HH:MM.
* BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY.

|\_\_\_|\_\_\_|:|\_\_\_|\_\_\_|

H H M M

REFUSED -1

DON’T KNOW -2

**PUC240/(TIME\_SPEC\_FIXED\_UNIT).** UNIT OF TIME THE SPECIMEN WAS FIXED – AM/PM:

**DATA COLLECTOR INSTRUCTIONS:**

* MARK THE BOX TO CHOOSE “AM” OR “PM” FOR TIME SPECIMEN FIXED.

AM 1

PM 2

**PUC250/(SPEC\_TYPE\_COLLECT).** WHAT KIND OF SPECIMEN WAS COLLECTED?

WHOLE PLACENTA 1 **(TIME\_STAMP\_PUC\_ET)**

PARTIAL PLACENTAL TISSUE 2

**PUC260/(PARTIAL\_SAMP\_LOC).** PLEASE INDICATE THELOCATION WHERE SAMPLES WERE TAKEN:

TOP-RIGHT SIDE 1

TOP-LEFT SIDE 2

RIGHT SIDE 3

LEFT SIDE 4

BOTTOM-RIGHT SIDE 5

BOTTOM-LEFT SIDE 6

MIDDLE 7

**PUC270/(PT\_CORD\_INSERT).** PLEASE INDICATE THEPOINT OF CORD INSERTION:

TOP-RIGHT SIDE 1

TOP-LEFT SIDE 2

RIGHT SIDE 3

LEFT SIDE 4

BOTTOM-RIGHT SIDE 5

BOTTOM-LEFT SIDE 6

MIDDLE 7

**PUC280/(LOC\_ACCESSORY\_LOBE).** PLEASE INDICATE THELOCATION OF ANY ACCESSORY LOBES (IF APPLICABLE):

TOP-RIGHT SIDE 1

TOP-LEFT SIDE 2

RIGHT SIDE 3

LEFT SIDE 4

BOTTOM-RIGHT SIDE 5

BOTTOM-LEFT SIDE 6

MIDDLE 7

NOT APPLICABLE -7

**PUC290/(DISK\_OUTLINE\_IRREG).** PLEASE INDICATE THELOCATIONOF ANY IRREGULARITIES OF THE DISK OUTLINE (IF APPLICABLE):

TOP-RIGHT SIDE 1

TOP-LEFT SIDE 2

RIGHT SIDE 3

LEFT SIDE 4

BOTTOM-RIGHT SIDE 5

BOTTOM-LEFT SIDE 6

NOT APPLICABLE -7

**PUC300/(DATA\_COLLECTOR\_ID).** DATA COLLECTOR ID?

SPECIFY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(TIME\_STAMP\_PUC\_ET) PROGRAMMER INSTRUCTION:

* INSERT DATE/TIME STAMP.