Child Biospecimen Pick-Up Instrument

Event Category:	Time-Based
Event:	Birth
Administration:	N/A
Instrument Target:	Child
Instrument Respondent:	Data Collector
Domain:	Biospecimen
Document Category:	Sample Collection
Method:	Data Collector Administered
Mode (for this instrument*):	In-Person, CAI
OMB Approved Modes:	In-Person, CAI
Estimated Administration Time:	0 minutes
Multiple Child/Sibling Consideration:	Per Event
Special Considerations:	N/A
Version:	1.0
MDES Release:	4.0

*This instrument is OMB-approved for multi-mode administration but this version of the instrument is designed for administration in this/these mode(s) only.

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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	DATA TYPE	PROGRAMMER INSTRUCTIONS
ADDRESS AND EMAIL FIELDS	100	CHARACTER	
UNIT AND PHONE FIELDS	10	CHARACTER	
_OTH AND COMMENT FIELDS	255	CHARACTER	• Limit text to 255 characters
FIRST NAME AND LAST NAME	30	CHARACTER	• Limit text to 30 characters
ALL ID FIELDS	36	CHARACTER	
ZIP CODE	5	NUMERIC	
ZIP CODE LAST FOUR	4	NUMERIC	
CITY	50	CHARACTER	
DOB AND ALL OTHER DATE FIELDS (E.G., DT, DATE, ETC.)	10	NUMERIC CHARACTER	• DISPLAY AS MM/DD/YYYY • STORE AS YYYY-MM-DD • HARD EDITS: MM MUST EQUAL 01 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	NUMERIC	• 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 ROCs TO INDICATE WHETHER THE RESPONDENT IS SOMEBODY OTHER THAN THE PARTICIPANT ABOUT WHOM THE QUESTIONS ARE BEING ASKED.

<u>A REMINDER:</u>
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.**

CHILD BIOSPECIMEN PICK UP

(TIME_STAMP_CBP_ST).

PROGRAMMER INSTRUCTIONS
• INSERT DATE/TIME STAMP • PRELOAD PARTICIPANT ID (**P_ID**) FOR CHILD AND RESPONDENT ID (**R_P_ID**) FOR ADULT CAREGIVER. • PRELOAD **STAFF_ID.**

DATA COLLECTOR INSTRUCTIONS
• COMPLETE WHEN AN NCS DATA COLLECTOR PICKS UP BIRTH BIOSPECIMENS FROM THE CHILD. • IF BIOSPECIMENS FROM MULTIPLE CHILDREN ARE PICKED UP AT THE SAME LOCATION IN ONE ATTEMPT, A SEPARATE INSTRUMENT MUST BE COMPLETED FOR EACH CHILD.

CBP00100/(SPECIMEN_NUM_PU). HOW MANY SPECIMENS ARE BEING PICKED UP?

|___|
NUMBER

PROGRAMMER INSTRUCTIONS
• DISPLAY HARD EDIT IF **SPECIMEN_NUM_PU** > 5. • LOOP THROUGH **SPECIMEN_TYPE, SPECIMEN_SAME_DATE** (IF APPLICABLE), **CBP01000, CBP02000, SPECIMEN_ID, SPEC_STORED, SPEC_STORAGE_COND,** AND **SPECIMEN_PICKUP_COND** UNTIL NUMBER OF LOOPS = **SPECIMEN_NUM_PU.**

CBP00200/(SPECIMEN_TYPE). WHICH SPECIMEN DID YOU PICK UP?

DATA COLLECTOR INSTRUCTIONS
• IF MORE THAN ONE SPECIMEN COLLECTED, SELECT ONE PER LOOP.

Label	Code	Go To
INFANT BLOOD SPOT CARD	1	
CORD BLOOD - LAVENDER TOP TUBE	2	
CORD BLOOD - RED TOP TUBE	3	
PLACENTA 10	4	
PLACENTA 11	5	
FULL PLACENTA	6	

PROGRAMMER INSTRUCTIONS
• IF **SPECIMEN_NUM_PU** = 1 OR IF THIS IS THE FIRST LOOP, GO TO **CBP01000.** • OTHERWISE, GO TO **SPECIMEN_SAME_DATE.**

CBP00300/(SPECIMEN_SAME_DATE). DID YOU PICK UP THIS SPECIMEN AT THE SAME TIME AS {SPECIMEN_TYPE}?

Label	Code	Go To
YES	**1**	**SPECIMEN_ID**
NO	**2**	

PROGRAMMER INSTRUCTIONS

• PRELOAD AND DISPLAY THE **SPECIMEN_TYPE** FROM THE FIRST LOOP:
   o IF **SPECIMEN_TYPE** = 1, DISPLAY "INFANT BLOOD SPOT CARD."
   o IF **SPECIMEN_TYPE** = 2, DISPLAY "CORD BLOOD - LAVENDER TOP TUBE."
   o IF **SPECIMEN_TYPE** = 3, DISPLAY "CORD BLOOD - RED TOP TUBE."
   o IF **SPECIMEN_TYPE** = 4, DISPLAY "PLACENTA 10."
   o IF **SPECIMEN_TYPE** = 5, DISPLAY "PLACENTA 11."
   o IF **SPECIMEN_TYPE** = 6, DISPLAY "FULL PLACENTA"
• IF **SPECIMEN_SAME_DATE** = 1, SET **SPECIMEN_PICKUP_MM, SPECIMEN_PICKUP_DD, SPECIMEN_PICKUP_YYYY, SPECIMEN_PICKUP_TIME,** AND **SPECIMEN_PICKUP_TIME_UNIT** = RESPONSES SELECTED FOR FIRST LOOP.

CBP01000. SPECIMEN PICK-UP DATE:

(SPECIMEN_PICKUP_MM) |___|___|
  M   M

(SPECIMEN_PICKUP_DD) |___|___|
  D   D

(SPECIMEN_PICKUP_YYYY) |2|0|___|___|
 Y Y Y   Y

CBP02000. SPECIMEN PICK-UP TIME:

(SPECIMEN_PICKUP_TIME) |___|___|:|___|___|
  H   H   M   M

(SPECIMEN_PICKUP_TIME_UNIT)

Label	Code	Go To
AM	**1**	
PM	**2**	

CBP03000/(SPECIMEN_ID). SPECIMEN ID FOR {SPECIMEN TYPE}
|__|__|__|__|__|__|__|__|__|-|__|__|__|__|

PROGRAMMER INSTRUCTIONS
• IF **SPECIMEN_TYPE** = 1, DISPLAY "INFANT BLOOD SPOT CARD" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC

PROGRAMMER INSTRUCTIONS

CHARACTERS DASH HS01 (AA#######-HS01).
- IF **SPECIMEN_TYPE** = 2, DISPLAY "CORD BLOOD - LAVENDER TOP TUBE" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC CHARACTERS DASH CL10 (AA#######-CL10).
- IF **SPECIMEN_TYPE** = 3, DISPLAY "CORD BLOOD - RED TOP TUBE" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC CHARACTERS DASH CS10 (AA#######-CS10).
- IF **SPECIMEN_TYPE** = 4, DISPLAY "PLACENTA" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC CHARACTERS DASH PC10 (AA#######-PC10).
- IF **SPECIMEN_TYPE** = 5, DISPLAY "PLACENTA" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC CHARACTERS DASH PC11 (AA#######-PC11).
- IF **SPECIMEN_TYPE** = 6, DISPLAY "FULL PLACENTA" AS {SPECIMEN TYPE} AND FORMAT SPECIMEN ID AS TWO ALPHA, SEVEN NUMERIC CHARACTERS DASH PCXX (AA#######-PCXX).

CBP04100/(SPEC_STORED). WAS THE SPECIMEN STORED BEFORE PICK-UP BY NCS STAFF?

Label	Code	Go To
YES	1	
NO	2	**SPECIMEN_PICKUP_COND**

CBP04200/(SPEC_STORAGE_COND). IDENTIFY THE STORAGE CONDITION

Label	Code	Go To
REFRIGERAED	1	
FROZEN	2	
AMBIENT	3	
DON'T KNOW	-2	

CBP05000/(SPECIMEN_PICKUP_COND). CONDITION OF SPECIMEN UPON PICK-UP

Label	Code	Go To
PICKED UP OK	1	
PICKED UP BROKEN	2	
PICKED UP LEAKING	3	
PICKED UP AT INCORRECT TEMPERATURE	4	
MISSING SPECIMEN ID LABEL	5	
SPECIMEN LOST	6	
SPECIMEN NOT COLLECTED	7	
NOT AVAILABLE	8	
NOT APPLICABLE	-7	

PROGRAMMER INSTRUCTIONS
• IF NUMBER OF LOOPS = **SPECIMEN_NUM_PU**, GO TO **SPECIMEN_PICKUP_COMMENTS.** • OTHERWISE, GO TO **SPECIMEN_TYPE.**

CBP06000/(SPECIMEN_PICKUP_COMMENTS). DO YOU HAVE ANY COMMENTS ABOUT THE PICK-UP?

Label	Code	Go To
YES	**1**	
NO	**2**	**REMAINING_SPECIMEN**

CBP07000/(SPECIMEN_PICKUP_COMMENTS_OTH). COMMENTS ABOUT PICK-UP:
_____

CBP08000/(REMAINING_SPECIMEN). ARE THERE ADDITIONAL BIOSPECIMEN SAMPLES THAT NEED TO BE PICKED UP?

Label	Code	Go To
YES	**1**	
NO	**2**	

PROGRAMMER INSTRUCTIONS
• IF **REMAINING_SPECIMEN** = 1, SET **INSTRUMENT_STATUS** = 3, AND BEGIN AT **CBP00100** WHEN INSTRUMENT OPENED AGAIN. OTHERWISE, SET **INSTRUMENT_STATUS** = 4, AND CLOSE OUT OF THE INSTRUMENT COMPLETELY.

(TIME_STAMP_CBP_ET).

PROGRAMMER INSTRUCTIONS
INSERT DATE/TIME STAMP