THE NATIONAL
CHILDREN'S
STUDY

HEALTH GROWTH ENVIRONMENT

Biospecimen Adult Urine Instrument

Event:	Pregnancy Visit 1, Pregnancy Visit 2, Birth
Participant:	Pregnant or Non-Pregnant Woman
Domain:	Biospecimen
Type of Document:	Data Collection Instrument
Recruitment Groups:	EH, PB, HI, PBS
Version:	1.1
Release:	MDES 3.3

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Biospecimen Adult Urine Instrument

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Biospecimen Adult Urine Instrument
CAPI

BIOSPECIMEN URINE COLLECTION

(TIME_STAMP_1) PROGRAMMER INSTRUCTION:
- INSERT DATE/TIME STAMP

UR0900/(URINE_INTRO). You will now collect a urine sample. I will need to ask you some questions before you collect your urine sample.

        CONTINUE....................................... 1
        REFUSED....................................... -1 **(TIME_STAMP_2)**

UR1000/(LT_URINE_1/LT_URINE_2/LT_URINE_3). When did you last urinate?

DATA COLLECTOR INSTRUCTIONS:
- RECORD DATE AS "MMDDYYYY."

- RECORD THE TIME AS HH:MM. BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY AND TO MARK THE BOX TO CHOOSE "AM" OR "PM". FOR EXAMPLE, IF TIME OF LAST URINATION WAS AT 2:05 PM RECORD "02:05" AND CHOOSE "PM".

    UR1000A/(LT_URINE_1). LAST URINATION – DATE

    |___|___| / |___|___| / |___|___|___|___|
     M   M   D   D   Y   Y   Y   Y

    UR1000B/(LT_URINE_2). LAST URINATION – TIME

              |___|___| : |___|___|
               H   H   M   M

        REFUSED .... -1
        DON'T KNOW.................................. -2

    UR1000C/(LT_URINE_3). LAST URINATION – AM/PM

        AM.. 1
        PM.. 2

        REFUSED .... -1
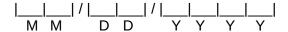   DON'T KNOW.................................. -2

PROGRAMMER INSTRUCTIONS:

- HARD EDIT: INCLUDE HARD EDIT IF HOUR OR MINUTES ARE NOT 2 DIGITS (FILL THE SPACE WITH 0 AS NECESSARY)

- HARD EDIT: INCLUDE HARD EDIT IF HOUR IS NOT BETWEEN 01 AND 12

- HARD EDIT: INCLUDE HARD EDIT IF MINUTES ARE NOT BETWEEN 00 AND 59

- FORMAT DATE AS YYYYMMDD

- HARD EDIT: INCLUDE HARD EDIT IF MONTH IS NOT BETWEEN 01 AND 12.

- HARD EDIT: INCLUDE HARD EDIT IF DAY IS NOT BETWEEN 01 AND 31.
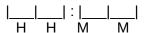
- HARD EDIT: INCLUDE HARD EDIT IF YEAR IS < 2011.

UR1100/(LT_EAT_DRINK_1/LT_EAT_DRINK_2/LT_EAT_DRINK_3). When was the last time you had anything to eat or drink other than water?

DATA COLLECTOR INSTRUCTIONS:

- RECORD THE LAST TIME PARTICIPANT ATE OR DRANK OTHER THAN WATER.

- THE TWO DIGIT MONTH, THE TWO DIGIT DAY, AND THE FOUR DIGIT YEAR SHOULD BE RECORDED. RECORD DATE AS "MMDDYYYY."

- RECORD THE TIME AS HH:MM. BE SURE TO FILL THE SPACE WITH A ZERO WHEN NECESSARY AND TO MARK THE BOX TO CHOOSE "AM" OR "PM". FOR EXAMPLE, IF THE LAST TIME PARTICIPANT ATE OR DRANK WAS AT 2:05 PM RECORD "02:05" AND CHOOSE "PM".

- **UR1100A/(LT__EAT_DRINK_1).** LAST TIME ATE OR DRANK – DATE

|___|___| / |___|___| / |___|___|___|___|
  M M   D D   Y Y Y Y

UR1100B/(LT_EAT_DRINK_2)). LAST TIME ATE OR DRANK – TIME

|___|___| : |___|___|
  H   H   M   M

REFUSED .... -1
DON'T KNOW................................... -2

UR1100C/(LT_EAT_DRINK_3). LAST TIME ATE OR DRANK – AM/PM

```
AM.................................................  1
PM.................................................  2

REFUSED .......................................  -1
DON'T KNOW..................................  -2
```

PROGRAMMER INSTRUCTIONS:
- HARD EDIT: INCLUDE HARD EDIT IF HOUR OR MINUTES ARE NOT 2 DIGITS (FILL THE SPACE WITH 0 AS NECESSARY)

- HARD EDIT: INCLUDE HARD EDIT IF HOUR IS NOT BETWEEN 01 AND 12

- HARD EDIT: INCLUDE HARD EDIT IF MINUTES ARE NOT BETWEEN 00 AND 59

- FORMAT DATE AS YYYYMMDD

- HARD EDIT: INCLUDE HARD EDIT IF MONTH IS NOT BETWEEN 01 AND 12.

- HARD EDIT: INCLUDE HARD EDIT IF DAY IS NOT BETWEEN 01 AND 31.

- HARD EDIT: INCLUDE HARD EDIT IF YEAR IS < 2011.

UR1200/(ATE_MEAT). How much of what you ate was beef, pork, tuna, or salmon?

```
NONE....................................................................... 1
Less than one quarter of the meal............................................. 2
One quarter to one half of the meal........................................... 3
Less than three quarters of the meal......................................... 4
Three quarters to all of the meal............................................. 5
All of the meal........................................................... 6
REFUSED................................................................... -1
DON'T KNOW............................................................... -2
```

UR1300/(CREATINE_SUPP). Do you take creatine supplements?

DATA COLLECTOR INSTRUCTIONS:
- IF THE PARTICIPANT ASKS, EXPLAIN THAT CREATINE SUPPLEMENTS ARE OFTEN TAKEN BY ATHLETES WISHING TO GAIN MUSCLE MASS.

```
YES.................................................  1
NO....................................................  2
REFUSED........................................  -1
DON'T KNOW..................................  -2
```

DATA COLLECTOR INSTRUCTIONS:
- READ URINE COLLECTION INSTRUCTIONS TO THE PARTICIPANT.

- PREPARE THE WORK AREA WHILE THE PARTICIPANT IS COLLECTING SPECIMEN.

- PUT ON LAB COAT AND GLOVES.

UR1500/(SPECIMEN_STATUS). URINE COLLECTION STATUS

DATA COLLECTOR INSTRUCTIONS:
- THANK THE PARTICIPANT FOR THEIR SAMPLE (OR FOR TRYING IF NO SAMPLE WAS COLLECTED).

- ENTER THE STATUS OF THE URINE COLLECTION

  COLLECTED.................................... 1 **(SPECIMEN_ID)**
  NOT COLLECTED........................... 2

UR1600A/(SPECIMEN_COMMENTS). URINE COLLECTION TECHNICAL COMMENTS

DATA COLLECTOR INSTRUCTIONS:
- ENTER THE REASON THE SAMPLE WAS NOT COLLECTED. SELECT ONLY ONE RESPONSE.

- IF THE PARTICIPANT HAS A PHYSICAL LIMITATION THAT PREVENTS HIM/HER FROM PROVIDING A URINE SPECIMEN CHOOSE "PHYSICAL LIMITATION".

- IF PARTICIPANT BECOMES ILL DURING THE VISIT AND IS UNABLE TO PROVIDE A URINE SPECIMEN OR HAS AN EMERGENCY THAT REQUIRES TERMINATION OF THE VISIT BEFORE A URINE SPECIMEN IS COLLECTED CHOOSE "PARTICIPANT ILL/EMERGENCY".

- IF THE COLLECTION EQUIPMENT WAS NOT AVAILABLE AND URINE SAMPLE WAS NOT COLLECTED CHOOSE "COLLECTION EQUIPMENT NOT AVAILABLE."

- IF THE URINE SAMPLE QUANTITY WAS NOT SUFFICIENT FOR ANALYSIS CHOOSE "QUANTITY NOT SUFFICIENT."

- IF THERE WAS A LANGUAGE ISSUE DUE TO THE PARTICIPANT'S PRIMARY LANGUAGE BEING SPANISH CHOOSE "LANGUAGE ISSUE, SPANISH"

- IF THERE WAS A LANGUAGE ISSUE DUE TO THE PARTICIPANT'S PRIMARY LANGUAGE BEING A LANGUAGE OTHER THAN SPANISH CHOOSE "LANGUAGE ISSUE, NON SPANISH."

- IF THE PARTICIPANT HAS A COGNITIVE DISABILITY THAT PREVENTS HIM/HER FROM UNDERSTANDING THE INSTRUCTIONS AND PROVIDING A URINE SPECIMEN CHOOSE "COGNITIVE DISABILITY."

- IF THERE WAS NOT A SUFFICENT AMOUNT OF TIME FOR THE URINE SPECIMEN COLLECTION CHOOSE "NO TIME."

  PHYSICAL LIMITATION.. 1 **(TIME_STAMP_2)**

PARTICIPANT ILL/ EMERGENCY... 2 (**TIME_STAMP_2**)
COLLECTION EQUIPMENT NOT AVAILABLE........................ 3 (**TIME_STAMP_2**)
QUANTITY NOT SUFFICIENT... 4 (**TIME_STAMP_2**)
LANGUAGE ISSUE, SPANISH.. 5 (**TIME_STAMP_2**)
LANGUAGE ISSUE, NON SPANISH...................................... 6 (**TIME_STAMP_2**)
COGNITIVE DISABILITY.. 7 (**TIME_STAMP_2**)
NO TIME.. 8 (**TIME_STAMP_2**)
OTHER...-5
REFUSED...-1 (**TIME_STAMP_2**)
DON'T KNOW..-2 (**TIME_STAMP_2**)

UR1600B/(SPECIMEN_COMMENT_OTH). URINE COLLECTION TECHNICAL COMMENT OTHER SPECIFY

DATA COLLECTOR INSTRUCTION:
- IF THERE ARE ANY OTHER URINE COLLECTION TECHNICAL COMMENTS NOT LISTED IN THE PREVIOUS QUESTION, ENTER THE REASON BELOW.

_____ (**TIME_STAMP_2**)

PROGRAMMER INSTRUCTION:
- LIMIT FREE TEXT TO 255 CHARACTERS

UR1700/(SPECIMEN_ID). SPECIMEN ID

DATA COLLECTOR INSTRUCTIONS:
- RECORD URINE COLLECTION CUP SPECIMEN ID WHEN PARTICIPANT RETURNS WITH THE SAMPLE.

- IMMEDIATELY PLACE COLLECTION CUP IN DRY ICE CHAMBER OF THE TRANSPORT COOLER PER TRANSPORT INSTRUCTIONS.

- FORMAT MUST BE AA # # # # # # #-UR##

|___|___|___|___|___|___|___|___|___|-UR|___|___|

PROGRAMMER INSTRUCTIONS:
- CANNOT BE NULL

- HARD EDIT: INCLUDE HARD EDIT IF FORMAT IS NOT AA # # # # # # #-UR## (FORMAT MUST BE AA # # # # # # #-UR##)

UR1800/(COLLECTION_LOCATION). COLLECTION LOCATION

DATA COLLECTOR INSTRUCTIONS:
- RECORD WHERE URINE COLLECTION OCCURRED.

HOME... 1

```
CLINIC.............................................  2
OTHER LOCATION..........................  3
```

PROGRAMMER INSTRUCTIONS:
- IF STUDY CENTER IS PARTICIPATING IN LOI3-ENV-01-D AND **SPECIMEN_STATUS** = 1, GO TO **UR_COLL_DIFFICULT**.

- OTHERWISE, GO TO **TIME_STAMP_2**.

DATA COLLECTOR INSTRUCTIONS:
- ASK THE FOLLOWING QUESTIONS OF THE PARTICIPANT:

UR1900/(UR_COLL_DIFFICULT). Was the urine collection difficult for you?

```
YES.................................................  1
NO...................................................  2
REFUSED........................................ -1
DON'T KNOW.................................. -2
```

UR2000/(UR_COLL_EASIER_COMMENT). Is there anything that would make the urine sample collection easier for you?

```
COMMENT _____

REFUSED........................................ -1
DON'T KNOW.................................. -2
```

PROGRAMMER INSTRUCTION:
- LIMIT FREE TEXT TO 255 CHARACTERS

(TIME_STAMP_2) DATE/TIME STAMP PROGRAMMER INSTRUCTION:
- INSERT DATE/TIME STAMP