PROGRAMA ESCUCHAR
BIOMARKERS FIRST FOLLOW-UP QUESTIONNAIRE
INDIVIDUAL-LEVEL SURVEY
<table>
<thead>
<tr>
<th>BM001</th>
<th>1. Blood Pressure [IWER: Were you able to take the R's blood pressure measurement?]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Yes</td>
</tr>
<tr>
<td></td>
<td>2 No</td>
</tr>
<tr>
<td></td>
<td>IF BM001 = Yes THEN</td>
</tr>
<tr>
<td></td>
<td>[Questions BM003_intro to BM006_pulse [3] are displayed as a table]</td>
</tr>
<tr>
<td>BM003_intro</td>
<td>Measurement</td>
</tr>
<tr>
<td>BM003_Hmeasure</td>
<td>#</td>
</tr>
<tr>
<td>BM003_Htime</td>
<td>Time of Reading</td>
</tr>
<tr>
<td>BM003_Hsystolic</td>
<td>Systolic Reading</td>
</tr>
<tr>
<td>BM003_Hdiastolic</td>
<td>Diastolic Reading</td>
</tr>
<tr>
<td>BM003_Hpulse</td>
<td>Pulse</td>
</tr>
<tr>
<td>BM004_time_hour</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_minute</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_ampm</td>
<td>1 am</td>
</tr>
<tr>
<td>BM006_systolic</td>
<td>String</td>
</tr>
<tr>
<td>BM006_diastolic</td>
<td>String</td>
</tr>
<tr>
<td>BM006_pulse</td>
<td>String</td>
</tr>
<tr>
<td>BM005_systolic</td>
<td>String</td>
</tr>
<tr>
<td>BM005_diastolic</td>
<td>String</td>
</tr>
<tr>
<td>BM006_pulse</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_hour</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_minute</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_ampm</td>
<td>1 am</td>
</tr>
<tr>
<td>BM006_systolic</td>
<td>String</td>
</tr>
<tr>
<td>BM006_diastolic</td>
<td>String</td>
</tr>
<tr>
<td>BM006_pulse</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_hour</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_minute</td>
<td>String</td>
</tr>
<tr>
<td>BM004_time_ampm</td>
<td>1 am</td>
</tr>
<tr>
<td>BM005_systolic</td>
<td>String</td>
</tr>
</tbody>
</table>
[BM006_diastolic]
String

[BM006_pulse]
String

[Questions BM007 to BM010 are displayed as a table]

[BM007]
[IWER: Which arm was used to conduct the measurements?]  
1 Left arm  
2 Right arm

[BM008]
[IWER: How compliant was R during this measurement?]  
1 R was fully compliant  
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts  
3 R was not fully compliant, but no obvious reason for this

[BM009]
[IWER: What was R's position for this test?]  
1 Standing  
2 Sitting  
3 Lying down

[BM010]
[IWER: Did the R smoke, exercise, consume alcohol or food within the 30 minutes prior to completing the blood pressure test?]  
1 Yes  
5 No  
8 Don't Know

ENDIF

IF BM001 = No THEN

[Questions BM002 to BM002_other are displayed as a table]

[BM002]
[IWER: Why didn't R complete the blood pressure measurement? (Circle all that apply)]  
1 R felt it would not be safe  
2 IWER felt it would not be safe  
3 R refused or was not willing to complete the test  
4 R tried but was unable to complete the test  
5 R did not understand the instructions  
6 R had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact R's arm  
97 Other (Specify):

[BM002_other]
String

ENDIF

[BM015]
2. Breathing test [IWER: Was the R able to perform the breathing test?]  
1 Yes  
2 No

IF BM015 = Yes THEN

[Questions BM017_intro to BM018_breathing [3] are displayed as a table]

[BM017_intro]
Measurement

[BM017_Hmeasure]
#

[BM017_Hreading]
Measurement Reading

[BM018_breathing]
String

[BM018_breathing]
String

[BM018_breathing]
String

[Questions BM019 to BM020 are displayed as a table]

[BM019]
[IWER: How much effort did R give to this test?]
1 R gave full effort
2 R was prevented from giving full effort by illness, pain, or other symptoms or discomforts
3 R did not appear to give full effort, but no obvious reason for this

BM020

[IWER: What was R's position for this test?]
1 Standing
2 Sitting
3 Lying down

ENDIF

IF BM015 = No THEN

[Questions BM016 to BM016_other are displayed as a table]

BM016

[IWER: Why didn't R complete the breathing test?] 
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete the test
5 R did not understand the instructions
97 Other (Specify):

BM016_other

String

ENDIF

BM025

3. Grip strength [IWER: Was R able to perform grip strength test?]
1 Yes
2 No

IF BM025 = Yes THEN

[Questions BM027_intro to BM029_right_gr [2] are displayed as a table]

BM027_intro

[IWER: Record measurements in chart. Record 993 if R tried but was unable. 
Record 999 if R chose not to do it.]

BM027_Hmeasure

#

BM027_Hleft

Left hand

BM027_Hright

Right hand

BM028_left_kg

String

BM028_left_gr

String

BM029_right_kg

String

BM029_right_gr

String

BM028_left_kg

String

BM028_left_gr

String

BM029_right_kg

String

BM029_right_gr

String

[Questions BM030 to BM032 are displayed as a table]

BM030

[IWER: How much effort did R give to this test?]
1 R gave full effort
2 R was prevented from giving full effort by illness, pain, or other symptoms or discomfort
3 R did not appear to give full effort, but no obvious reason for this
BM031
[IWER: What was R's position for this test?]
1 Standing
2 Sitting
3 Lying down

BM032
[IWER: Did the R rest their arm on a support while performing the test?]
1 Yes
2 No

BM026
[IWER: Why didn't R complete the grip strength test?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete the test
5 R did not understand the instructions
6 R had a surgery, injury, inflammation or pain
97 Other (Specify):

BM026_other
String

BM035
4a. Semi-tandem stand [IWER: Was the R able to conduct the semi-tandem stand?]
1 Yes
2 No

BM037
[IWER: Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during semi-tandem stand?]
1 Yes
2 No
8 Don't Know

BM037_sec
String

BM037_milisec
String

BM038
[IWER: Did R hold semi-tandem stand for a full 10 seconds without stepping out of place or grabbing hold of anything?]
1 Yes
2 No -- Enter amount of time R held standing in seconds to two decimal places.
993 R tried but was unable
999 R chose not to do it

BM037_milisec
String

BM050
4. Full tandem stand [IWER: Was the R able to conduct the full tandem stand?]
1 Yes
2 No

BM050_milisec
String

BM052
[IWER: Did R hold full-tandem stand for a full [30/60] seconds without stepping out of place or grabbing hold of anything?]
1 Yes
2 No -- Enter amount of time R held standing in seconds to two decimal places.
993 R tried but was unable
999 R chose not to do it

BM052_sec
String
Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during full-tandem stand?

1. Yes
2. No
3. Don't Know

Questions BM054 to BM054_other are displayed as a table.

BMO54

[IER: Record the type of floor surface that the balance measures were conducted on.]

1. Linoleum/tile/wood
2. Low-pile carpet
3. High-pile carpet
4. Concrete
5. Not sure
97. Other (Specify):

Questions BM054_other are displayed as a table.

BMO54_other

[IER: How compliant was R during the balance measurements?]

1. R was fully compliant
2. R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3. R did not appear to be fully compliant, but no obvious reason for this

ENDIF

IF BM050 = No THEN

[Questions BM051 to BM051_other are displayed as a table]

BMO51

[IER: Why didn’t R complete the full tandem stand?]

1. R felt it would not be safe
2. IWER felt it would not be safe
3. R refused or was not willing to complete the test
4. R tried but was unable to complete test
5. R did not understand the instructions
6. R had surgery, injury or other health condition that prevented R from standing
97. Other (Specify):

ENDIF

ENDIF

IF BM037 > Yes THEN

BMO40

4b. Side-by-side stand [IER: Was the R able to conduct the side-by-side stand?]

1. Yes
2. No

IF BM040 = Yes THEN

[Questions BM042 to BM042_milisec are displayed as a table]

BMO42

[IER: Did R hold side-by-side stand for a full 10 seconds without stepping out of place or grabbing hold of anything?]

1. Yes
2. No -- Enter amount of time R held standing in seconds to two decimal places.
99. R tried but was unable
999. R chose not to do it

BMO42_sec

String

BMO42_milisec

String

BMO43

[IER: Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during side-by-side stand?]

1. Yes
2. No
3. Don’t Know
BM044
[IWER: Record the type of floor surface that the balance measures were conducted on.]
1 Linoleum/tile/wood
2 Low-pile carpet
3 High-pile carpet
4 Concrete
5 Not sure
97 Other (Specify):

BM045
[IWER: How compliant was R during the balance measurements?]
1 R was fully compliant
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3 R was not fully compliant, but no obvious reason for this

ENDIF

IF BM040 = No THEN

[Questions BM041 to BM041_other are displayed as a table]

BM041
[IWER: Why didn’t R complete the Side-by-side stand?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete the test
5 R did not understand the instructions
6 R had surgery, injury or other health condition that prevented R from standing
97 Other (Specify):

ENDIF

ENDIF

IF BM035 = No THEN

[Questions BM036 to BM036_other are displayed as a table]

BM036
[IWER: Why didn’t R complete the semi-tandem stand?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete the test
5 R did not understand the instructions
6 R had surgery, injury or other health condition that prevented R from standing
97 Other (Specify):

BM036_other
String

ENDIF

BM040
4b. Side-by-side stand [IWER: Was the R able to conduct the side-by-side stand?]
1 Yes
2 No

IF BM040 = Yes THEN

[Questions BM042 to BM042_milisec are displayed as a table]

BM042
[IWER: Did R hold side-by-side stand for a full 10 seconds without stepping out of place or grabbing hold of anything?]
1 Yes
2 No -- Enter amount of time R held standing in seconds to two decimal places.
993 R tried but was unable
999 R chose not to do it

BM042_sec
String

BM042_milisec
String
<table>
<thead>
<tr>
<th>BM043</th>
<th>[IWER: Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during side-by-side stand?]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>8</td>
<td>Don't Know</td>
</tr>
<tr>
<td></td>
<td>[Questions BM044 to BM044_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>BM044</td>
<td>[IWER: Record the type of floor surface that the balance measures were conducted on.]</td>
</tr>
<tr>
<td>1</td>
<td>Linoleum/tile/wood</td>
</tr>
<tr>
<td>2</td>
<td>Low-pile carpet</td>
</tr>
<tr>
<td>3</td>
<td>High-pile carpet</td>
</tr>
<tr>
<td>4</td>
<td>Concrete</td>
</tr>
<tr>
<td>5</td>
<td>Not sure</td>
</tr>
<tr>
<td>97</td>
<td>Other (Specify):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BM044_other</th>
<th>String</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>BM045</th>
<th>[IWER: How compliant was R during the balance measurements?]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>R was fully compliant</td>
</tr>
<tr>
<td>2</td>
<td>R was prevented from fully complying due to illness, pain, or other symptoms or discomforts</td>
</tr>
<tr>
<td>3</td>
<td>R was not fully compliant, but no obvious reason for this</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF BM040 = No THEN</th>
</tr>
</thead>
</table>

| [Questions BM041 to BM041_other are displayed as a table] |

<table>
<thead>
<tr>
<th>BM041</th>
<th>[IWER: Why didn't R complete the Side-by-side stand?]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>R felt it would not be safe</td>
</tr>
<tr>
<td>2</td>
<td>IWER felt it would not be safe</td>
</tr>
<tr>
<td>3</td>
<td>R refused or was not willing to complete the test</td>
</tr>
<tr>
<td>4</td>
<td>R tried but was unable to complete test</td>
</tr>
<tr>
<td>5</td>
<td>R did not understand the instructions</td>
</tr>
<tr>
<td>6</td>
<td>R had surgery, injury or other health condition that prevented R from standing</td>
</tr>
<tr>
<td>97</td>
<td>Other (Specify):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BM041_other</th>
<th>String</th>
</tr>
</thead>
</table>

| ENDIF |

<table>
<thead>
<tr>
<th>IF BM040 = No THEN</th>
</tr>
</thead>
</table>

| Questions BM041 to BM041_other are displayed as a table |

<table>
<thead>
<tr>
<th>BM060</th>
<th>[IWER: Was the R able to perform walking test?]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
</tbody>
</table>

| IF BM060 = Yes THEN |

| Questions BM062_intro to BM064_TestTime_milisec [2] are displayed as a table |

<table>
<thead>
<tr>
<th>BM062_intro</th>
<th>Measurement</th>
</tr>
</thead>
</table>

| BM062_Hmeasure | # |

| BM062_Htesttime | Walking Speed Time |

<table>
<thead>
<tr>
<th>BM063_TestTime_sec</th>
<th>String</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>BM064_TestTime_milisec</th>
<th>String</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>BM063_TestTime_sec</th>
<th>String</th>
</tr>
</thead>
</table>

| BM064_TestTime_milisec | String                                                                 |

| Questions BM065 to BM065_other are displayed as a table |


BM065
[IWER: Record type of floor surface.]
1 Linoleum/tile/wood
2 Low-pile carpet
3 High-pile carpet
4 Concrete
5 Not sure
97 Other (Specify):

BM065_other
[IWER: Record type of floor surface.]
String

[Questions BM066 to BM066_other are displayed as a table]

BM066
[IWER: Record type of aid used.]
1 None
2 Walking stick or cane
3 Elbow crutches
4 Walker
97 Other (Specify):

BM066_other
String

BM067
[IWER: How compliant was R during this measurement?]  
1 R was fully compliant
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3 R was not fully compliant, but no obvious reason for this

ENDIF

IF BM060 = No THEN

[Questions BM061 to BM061_other are displayed as a table]

BM061
[IWER: Why didn’t R complete the walking test?]  
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete the test
5 R did not understand the instructions
6 R had surgery, injury or other health condition that prevented R from standing
7 No suitable space available
97 Other (Specify):

BM061_other
String

ENDIF

BM070
7. Height [IWER: Were you able to measure the R’s height?]  
1 Yes
2 No

IF BM070 = Yes THEN

[Questions BM072_intro to BM074_height_centimeters [3] are displayed as a table]

BM072_intro
| Measurement |

BM072_Hmeasure
#

BM072_Hheight
| Measurement |

BM073_height_meters
| Range: 0..250 |

BM074_height_centimeters
| String |

BM073_height_meters
| Range: 0..250 |

BM074_height_centimeters
| String |
BM073_height_meters
Range: 0..250

BM074_height_centimeters
String

[Questions BM075 to BM075_other are displayed as a table]

BM075
[IWER: Record the type of floor surface]
1 Linoleum/tile/wood
2 Low-pile carpet
3 High-pile carpet
4 Concrete
5 Not sure
97 Other (Specify):

BM075_other
String

BM076
[IWER: Was R wearing shoes during the measurement?]
1 Yes
2 No

BM077
[IWER: How compliant was R during this measurement?]
1 R was fully compliant
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3 R was not fully compliant, but no obvious reason for this

ENDIF

IF BM070 = No THEN

[Questions BM071 to BM071_other are displayed as a table]

BM071
[IWER: Why weren't you able to measure R's height?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the measurement
4 R tried but was unable to complete measurement
5 R did not understand the instructions
6 Respondent too tall, interviewer could not reach
7 There was no suitable space available
97 Other (Specify):

BM071_other
String

ENDIF

BM080
8.Weight [IWER: Were you able to measure the R's weight?]
1 Yes
2 No

IF BM080 = Yes THEN

[Questions BM082_intro to BM084_weight_grams [3] are displayed as a table]

BM082_intro
Measurement

BM082_Hmeasure
#

BM082_Hweight
Measurement

BM083_weight_kg
Range: 0..500

BM084_weight_grams
Range: 0..99

BM083_weight_kg
Range: 0..500

BM084_weight_grams
Range: 0..99
BM083_weight_kg
Range: 0..500

BM084_weight_grams
Range: 0..99

[Questions BM085 to BM085_other are displayed as a table]

BM085
[IWER: Record the type of floor surface]
1 Linoleum/tile/wood
2 Low-pile carpet
3 High-pile carpet
4 Concrete
5 Not sure
97 Other (Specify): 

BM085_other
String

BM086
[IWER: Was R wearing shoes during the measurement?]
1 Yes
2 No

BM087
[IWER: How compliant was R during this measurement?]
1 R was fully compliant
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3 R was not fully compliant, but no obvious reason for this

ENDIF

IF BM080 = No THEN

[Questions BM081 to BM081_other are displayed as a table]

BM081
[IWER: Why weren’t you able to measure R’s weight?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the measurement
4 R tried but was unable to complete measurement
5 R did not understand the instructions
6 R is not able to stand
97 Other (Specify):

BM081_other
String

ENDIF

BM090
9. Waist [IWER: Were you able to measure the R’s waist?]
1 Yes
2 No

IF BM090 = Yes THEN

[Questions BM092_intro to BM094_waist_mm [3] are displayed as a table]

BM092_intro
| Measurement |

BM092_Hmeasure
| # |

BM092_Hwaist
| Measurement |

BM093_waist_cm
| Range: 0..500 |

BM094_waist_mm
| Range: 0..99 |

BM093_waist_cm
| Range: 0..500 |

BM094_waist_mm
| Range: 0..99 |
BM093_waist_cm
| Range: 0..500

BM094_waist_mm
| Range: 0..99

[Questions BM095 to BM095_other are displayed as a table]

BM095
[IWER: What difficulties occurred during this measurement?]
| 1 None
| 2 R had breathing difficulties
| 3 R was unable to hold breath at the end of the exhale
| 4 R was prevented from giving full effort by illness, pain, or other symptoms or discomforts
| 5 R did not appear to give full effort, but no obvious reason for this
| 97 Other (Specify):

BM095_other
| String

[Questions BM096 to BM098 are displayed as a table]

BM096
[IWER: How compliant was R during this measurement?]
| 1 R was fully compliant
| 2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
| 3 R was not fully compliant, but no obvious reason for this

BM097
[IWER: Who completed the measurement?]
| 1 R completed the measurement
| 2 IWER completed the measurement

BM098
[IWER: Was the R wearing bulky clothing during this measurement?]
| 1 Yes
| 2 No

ENDIF

IF BM090 = No THEN

[Questions BM091 to BM091_other are displayed as a table]

BM091
[IWER: Why weren't you able to measure R's waist?]
| 1 R felt it would not be safe
| 2 IWER felt it would not be safe
| 3 R refused or was not willing to complete the measurement
| 4 R tried but was unable to complete the measurement
| 5 R did not understand the instructions
| 6 R is not able to stand
| 97 Other (Specify):

BM091_other
| String

ENDIF

BM100
10. Arm circumference or length [IWER: Were you able to measure the R's arm or length?]
| 1 Yes
| 2 No

IF BM100 = Yes THEN

[Questions BM102_intro to BM104_arm_mm [3] are displayed as a table]

BM102_intro
| Measurement circumference

BM102_Hmeasure
| #

BM102_Harm
| Measurement

BM103_arm_cm
| Range: 0..500

BM104_arm_mm
| String
| BM103_arm_cm | Range: 0..500 |
| BM104_arm_mm | String |
| BM103_arm_cm | Range: 0..500 |
| BM104_arm_mm | String |

[Questions BM132_intro to BM134_arm_mm [3] are displayed as a table]

| BM132_intro | Measurement length |
| BM132_Hmeasure | # |
| BM132_Harm | Measurement |
| BM133_arm_cm | Range: 0..500 |
| BM134_arm_mm | String |
| BM133_arm_cm | Range: 0..500 |
| BM134_arm_mm | String |
| BM133_arm_cm | Range: 0..500 |
| BM134_arm_mm | String |
| BM105 | [IWER: Which arm was used to conduct the measurements?] |
| 1 Left arm |
| 2 Right arm |

[Questions BM117 to BM117_other are displayed as a table]

| BM117 | [IWER: What difficulties occurred during this measurement?] |
| 1 None |
| 2 R unable to raise or stretch his/her arm |
| 3 R had arm injury, condition or problem, or discomfort (cut/lesion, rash, rheumatism, osteoporosis, arthritis, pain when moving arm, etc.) |
| 4 R was prevented from giving full effort by illness, pain, or other symptoms or discomforts |
| 5 R did not appear to give full effort, but no obvious reason for this |
| 97 Other (Specify): |
| BM117_other | String |

[Questions BM106 to BM119 are displayed as a table]

| BM106 | [IWER: How compliant was R during this measurement?] |
| 1 R was fully compliant |
| 2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts |
| 3 R was not fully compliant, but no obvious reason for this |
| BM118 | [IWER: Who completed the measurement?] |
| 1 R completed the measurement |
| 2 IWER completed the measurement |
| BM119 | [IWER: Was the R wearing bulky clothing during this measurement?] |
| 1 Yes |
| 2 No |

ENDIF

IF BM100 = No THEN

[Questions BM101 to BM101_other are displayed as a table]
BM101
[Why didn't R complete the arm measurement?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete test
5 R did not understand the instructions
6 R had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact R’s arm
97 Other (Specify):

BM101_other
String
ENDIF

BM110
[Are you able to measure the R’s knee height?]
1 Yes
2 No
IF BM110 = Yes THEN

BM112_intro
Measurement
BM112_hmeasure
#
BM112_hpantric
Measurement
BM113_pantric_cm
Range: 0..500
BM114_pantric_mm
Range: 0..99
BM113_pantric_cm
Range: 0..500
BM114_pantric_mm
Range: 0..99
BM113_pantric_cm
Range: 0..500
BM114_pantric_mm
Range: 0..99

BM115
[What difficulties occurred during this measurement?]
1 None
2 R was prevented from giving full effort by illness, pain, or other symptoms or discomforts
3 R did not appear to give full effort, but no obvious reason for this
97 Other (Specify):

BM115_other
String

BM116
[How compliant was R during this measurement?]
1 R was fully compliant
2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts
3 R was not fully compliant, but no obvious reason for this

BM122
[Who completed the measurement?]
1 R completed the measurement
2 IWER completed the measurement

BM120
[Was the R wearing bulky clothing during this measurement?]
1 Yes
2 No
ENDIF
IF BM110 = No THEN

[Questions BM111 to BM111_other are displayed as a table]

BM111
[IWER: Why didn't R complete the KneeHeight?]
1 R felt it would not be safe
2 IWER felt it would not be safe
3 R refused or was not willing to complete the test
4 R tried but was unable to complete test
5 R did not understand the instructions
6 R had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact R's arm
97 Other (Specify):

BM111_other
String

ENDIF

HG003
Hemoglobin Test [IWER: Were you able to apply the hemoglobin test?]
1 Yes
2 No

LOOP FROM 0 TO 5 DO

IF strlen (HG008) < > 15 THEN

HG008
HHID
String
ELSE
ENDIF
ENDDO

IF HG003 = Yes THEN

[Questions HG011_a to HG014 are displayed as a table]

HG011_a
Anemia test result
Integer

HG011_b
Anemia test result
String

HG012
The amount obtained in the test show that the hemoglobin concentration in the blood is
1 Normal
2 Low

HG013
Any problem in applying the test
1 Yes
2 No

HG014
Comments
Memo
ENDIF

DB001
Did the R sign the Blood Sample consent form?
1 Yes
2 No

IF DB001 = Yes THEN

DB002
As I mentioned, I'd like to collect another small sample of your blood. I will collect enough blood to fill at least five small circles on a collection card. Do you understand the directions for this test?
1 Yes
2 No

IF DB002 = Yes THEN
<table>
<thead>
<tr>
<th>DB003</th>
<th>Do you feel it would be safe for you to do this test?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Yes</td>
</tr>
<tr>
<td></td>
<td>2 No</td>
</tr>
<tr>
<td></td>
<td>IF DB003 = Yes THEN</td>
</tr>
<tr>
<td></td>
<td>DB003_a</td>
</tr>
<tr>
<td></td>
<td>Thank you for your cooperation. This concludes the physical measure and</td>
</tr>
<tr>
<td></td>
<td>biomarkers portion of the interview. Before we continue with the</td>
</tr>
<tr>
<td></td>
<td>interview, I need a moment to enter some information in the</td>
</tr>
<tr>
<td></td>
<td>computer.</td>
</tr>
<tr>
<td></td>
<td>[Questions DB005 to DB005_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td>DB005</td>
</tr>
<tr>
<td></td>
<td>What, if any, problems occurred during the collection of the blood sample?</td>
</tr>
<tr>
<td></td>
<td>1 None</td>
</tr>
<tr>
<td></td>
<td>2 R fainted, became light-headed or nauseous</td>
</tr>
<tr>
<td></td>
<td>3 R had difficulty getting her/his finger to stop bleeding</td>
</tr>
<tr>
<td></td>
<td>4 Other, please specify</td>
</tr>
<tr>
<td></td>
<td>DB005_other</td>
</tr>
<tr>
<td></td>
<td>String</td>
</tr>
<tr>
<td></td>
<td>[Questions DB006 to DB006_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td>DB006</td>
</tr>
<tr>
<td></td>
<td>Who pricked the R’s finger(s)?</td>
</tr>
<tr>
<td></td>
<td>1 R pricked own finger(s)</td>
</tr>
<tr>
<td></td>
<td>2 IWER pricked R’s finger(s)</td>
</tr>
<tr>
<td></td>
<td>3 Both R and IWER pricked R’s finger(s)</td>
</tr>
<tr>
<td></td>
<td>4 Someone else pricked R’s finger(s) (Specify relationship to R)</td>
</tr>
<tr>
<td></td>
<td>DB006_other</td>
</tr>
<tr>
<td></td>
<td>String</td>
</tr>
<tr>
<td></td>
<td>[Questions DB007 to DB007_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td>DB007</td>
</tr>
<tr>
<td></td>
<td>How many circles were filled on the first card?</td>
</tr>
<tr>
<td></td>
<td>1 0</td>
</tr>
<tr>
<td></td>
<td>2 1</td>
</tr>
<tr>
<td></td>
<td>3 2</td>
</tr>
<tr>
<td></td>
<td>4 3</td>
</tr>
<tr>
<td></td>
<td>5 4</td>
</tr>
<tr>
<td></td>
<td>6 5</td>
</tr>
<tr>
<td></td>
<td>DB007_other</td>
</tr>
<tr>
<td></td>
<td>String</td>
</tr>
<tr>
<td></td>
<td>[Questions DB008 to DB008_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td>DB008</td>
</tr>
<tr>
<td></td>
<td>How many times did the R’s finger need to be pricked in order to fill</td>
</tr>
<tr>
<td></td>
<td>the circles?</td>
</tr>
<tr>
<td></td>
<td>1 One time</td>
</tr>
<tr>
<td></td>
<td>2 Two times</td>
</tr>
<tr>
<td></td>
<td>3 Two times but the R was unable to fill all four circles with blood</td>
</tr>
<tr>
<td></td>
<td>DB009</td>
</tr>
<tr>
<td></td>
<td>How compliant was R during this measurement?</td>
</tr>
<tr>
<td></td>
<td>1 R was fully compliant</td>
</tr>
<tr>
<td></td>
<td>2 R was prevented from fully complying due to illness, pain, or other symptoms or discomforts</td>
</tr>
<tr>
<td></td>
<td>3 R was not fully compliant, but there was no obvious reason for this</td>
</tr>
<tr>
<td></td>
<td>ENDIF</td>
</tr>
<tr>
<td></td>
<td>IF DB003 = No THEN</td>
</tr>
<tr>
<td></td>
<td>[Questions DB004 to DB004_other are displayed as a table]</td>
</tr>
<tr>
<td></td>
<td>DB004</td>
</tr>
<tr>
<td></td>
<td>Why didn't R complete the blood sample?</td>
</tr>
<tr>
<td></td>
<td>1 R felt it would not be safe</td>
</tr>
<tr>
<td></td>
<td>2 IWER felt it would not be safe</td>
</tr>
<tr>
<td></td>
<td>3 R refused or was not willing to complete the measurement</td>
</tr>
<tr>
<td></td>
<td>4 R tried but was unable to complete measurement</td>
</tr>
<tr>
<td></td>
<td>5 R did not understand the instructions</td>
</tr>
<tr>
<td></td>
<td>6 R has hemophilia or is on medication that thins the blood (anticoagulant)</td>
</tr>
<tr>
<td></td>
<td>97 Other, please specify</td>
</tr>
<tr>
<td></td>
<td>DB004_other</td>
</tr>
<tr>
<td></td>
<td>String</td>
</tr>
<tr>
<td></td>
<td>ENDIF</td>
</tr>
<tr>
<td></td>
<td>ENDIF</td>
</tr>
</tbody>
</table>
IF DB002 = No THEN

[Questions DB004 to DB004_other are displayed as a table]

<table>
<thead>
<tr>
<th>DB004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why didn't R complete the blood sample?</td>
</tr>
<tr>
<td>1 R felt it would not be safe</td>
</tr>
<tr>
<td>2 IWER felt it would not be safe</td>
</tr>
<tr>
<td>3 R refused or was not willing to complete the measurement</td>
</tr>
<tr>
<td>4 R tried but was unable to complete measurement</td>
</tr>
<tr>
<td>5 R did not understand the instructions</td>
</tr>
<tr>
<td>6 R has hemophilia or is on medication that thins the blood (anticoagulant)</td>
</tr>
<tr>
<td>97 Other, please specify</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DB004_other</th>
</tr>
</thead>
<tbody>
<tr>
<td>String</td>
</tr>
</tbody>
</table>

ENDIF

IF DB001 = No THEN

[Questions DB004 to DB004_other are displayed as a table]

<table>
<thead>
<tr>
<th>DB004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why didn't R complete the blood sample?</td>
</tr>
<tr>
<td>1 R felt it would not be safe</td>
</tr>
<tr>
<td>2 IWER felt it would not be safe</td>
</tr>
<tr>
<td>3 R refused or was not willing to complete the measurement</td>
</tr>
<tr>
<td>4 R tried but was unable to complete measurement</td>
</tr>
<tr>
<td>5 R did not understand the instructions</td>
</tr>
<tr>
<td>6 R has hemophilia or is on medication that thins the blood (anticoagulant)</td>
</tr>
<tr>
<td>97 Other, please specify</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DB004_other</th>
</tr>
</thead>
<tbody>
<tr>
<td>String</td>
</tr>
</tbody>
</table>

ENDIF