PROGRAMA ESCUCHAR BIOMARKERS BASELINE QUESTIONNAIRE INDIVIDUAL-LEVEL SURVEY

BM001

1. Blood Pressure [IWER: Were you able to take the R's blood pressure measurement?]

1 Yes

2 No

IF BM001 = Yes THEN

[Questions BM003_intro to BM006_pulse [3] are displayed as atable]

BM003_intro

Measurement

BM003_Hmeasure

BM003_Htime

Time of Reading

BM003_Hsystolic

Systolic Reading

BM003_Hdiastolic

Diastolic Reading

BM003_Hpulse

Pulse

BM004_time_hour

String

BM004_time_minute

String

BM004_time_ampm

1 am

2 pm

BM005_systolic

String

BM006_diastolic

String

BM006_pulse

String

BM004_time_hour

String

BM004_time_minute

String

BM004_time_ampm

1 am

2 pm

BM005_systolic

String

BM006_diastolic

String

BM006_pulse

String

BM004_time_hour

String

BM004_time_minute

String

BM004_time_ampm

1 am

2 pm

BM005_systolic

String

Language

- 1 English
- 2 Spanish
- 3 Mayan 4 Proxy Spanish
- 5 Proxy Mayan 6 Proxy English

<> Different to

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 forthis **BM009** [IWER: What was R's position for thistest?] 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 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 [IWER: What was R's position for thistest?] 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 completetest 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 doit.]

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

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BM031
[IWER: What was R's position for thistest?]
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
 ENDIF
 IF BM025 = No THEN
 [Questions BM026 to BM026_other are displayed as a table]
[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 completetest
5 R did not understand the instructions
6 R had a surgery, injury, inflammation orpain
97 Other (Specify):
BM026_other
 String
 ENDIF
BM035
 4a. Semi-tandem stand [IWER: Was the R able to
 conduct the semi-tandem stand?]
 1 Yes
 2 No
 IF BM035 = Yes THEN
 [Questions BM037 to BM037_milisec are displayed as a table]
 BM037
[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_sec
String
 BM037_milisec
 String
 BM038
 [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
 IF BM037 = Yes THEN
 4. Full tandem stand [IWER: Was the R able to conduct the full tandem stand?]
 1 Yes
 | 2 No
 | IF BM050 = Yes THEN
 [ Questions BM052 to BM052_milisec are displayed as atable]
| | BM052
iii [IWER: Did R hold full-tandem stand for a full [30/60] seconds without stepping out of place or grabbing hold of anything?]
1 | 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
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|||BM052_milisec
||| String
\Pi\Pi
||| BM053
ii | [IWER: 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
| | | 8 Don't Know
| | | [Questions BM054 to BM054_other are displayed as a table]
[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):
| | BM054_other
| | | String
|||BM055
[IWER: How compliant was R during the balancemeasurements?]
| | | 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
i i ENDIF
 | IF BM050 = No THEN
 [ Questions BM051 to BM051_other are displayed as a table]
| | BM051
[IWER: 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
I I 4 R tried but was unable to complete test
| | | 5 R did not understand the instructions
iii 6 R had surgery, injury or other health condition that prevented R from standing
| | | 97 Other (Specify):
| | | BM051_other
| | | String
i i ENDIF
 ENDIF
 IF BM037 > Yes THEN
 BM040
 4b. Side-by-side stand [IWER: Was the R able to conduct the side-by-side stand?]
 | 1 Yes
 į 2 No
 | IF BM040 = Yes THEN
 [ Questions BM042 to BM042_milisec are displayed as atable]
||| 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
| | | BM043
[|| [IWER: Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during side-by-side stand?]
| | 2 No
 | 8 Don't Know
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[ [Questions BM044 to BM044_other are displayed as atable]
| | | BM044
[WER: 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):
| | BM044_other
| | | String
| | BM045
 [IWER: How compliant was R during the balancemeasurements?]
 | 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-sidestand?]
| | | 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):
| | | BM041_other
| | | String
 ENDIF
İ 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 IWFR felt it would not be safe
 3 R refused or was not willing to complete the test
 4 R tried but was unable to completetest
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
 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 atable]
 BM042
 [IWER: Did R hold side-by-side stand for a full 10 seconds without stepping out of place or grabbing hold of anything?]
 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
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| BM043
 [IWER: Did R use any compensatory movements of his/her trunk, arms or legs to steady him/herself during side-by-side stand?]
 I 1 Yes
 | 2 No
 8 Don't Know
 [Questions BM044 to BM044_other are displayed as a table]
 . [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):
  BM044_other
  String
  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 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):
  BM041_other
  String
 .
ENDIF
 ENDIF
 BM060
 6. Walking Test [IWER: Was the R able to perform walking test?]
 1 Yes
2 No
 IF BM060 = Yes THEN
 [Questions BM062_intro to BM064_TestTime_milisec [2] are displayed as a table]
 BM062_intro
Measurement
 BM062_Hmeasure
 BM062_Htesttime
 Walking Speed Time
BM063_TestTime_sec
String
BM064_TestTime_milisec
 String
BM063_TestTime_sec
 String
BM064_TestTime_milisec
 String
 [Questions BM065 to BM065_other are displayed as a table]
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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.] [Questions BM066 to BM066_other are displayed as atable] **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 forthis **ENDIF** IF BM060 = No THEN [Questions BM061 to BM061_other are displayed as a table] [IWER: Why didn't R complete the walkingtest?] 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 completetest 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]

[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

[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 forthis

ENDIF

IF BM070 = No THEN

[Questions BM071 to BM071_other are displayed as a table]

[IWER: Why weren't you able to measure R'sheight?]

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'sweight?]

1 Yes

2 No

IF BM080 = Yes THEN

[Questions BM082_intro to BM084_weight_grams [3] are displayed as atable]

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] [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 [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 forthis **ENDIF** IF BM080 = No THEN [Questions BM081 to BM081_other are displayed as a table] [IWER: Why weren't you able to measure R'sweight?] 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'swaist?]

1 Yes

2 No

IF BM090 = Yes THEN

[Questions BM092_intro to BM094_waist_mm [3] are displayed as atable]

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 forthis

BM097

[IWER: Who completed themeasurement?]

- 1 R completed the measurement
- 2 IWER completed the measurement

RMnos

[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'swaist?]

- 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):

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/herarm
- 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 forthis

BM118

[IWER: Who completed themeasurement?]

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

[IWER: 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

11. Knee height [IWER: Were you able to measure the R's knee height?]

1 Yes

2 No

IF BM110 = Yes THEN

[Questions BM112_intro to BM114_pantric_mm [3] are displayed as a table]

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

[Questions BM115 to BM115_other are displayed as a table]

BM115

[IWER: 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

[Questions BM116 to BM120 are displayed as a table]

BM116

[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 forthis

BM122

[IWER: Who completed themeasurement?]

1 R completed the measurement

2 IWER completed the measurement

BM120

[IWER: Was the R wearing bulky clothing during this measurement?]

1 Yes

2 No

ENDIF

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

HG013

| 1 Yes | 2 No | HG014 | Comments | Memo | ENDIF

Any problem in applying the test