PROGRAMA ESCUCHAR
BIOMARKERS BASELINE QUESTIONNAIRE INDIVIDUAL-LEVEL SURVEY
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 a table]

| 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 |

| 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 |

| 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 |
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 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
| [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_introduction
| Measurement

BM017_Hmeasurement
| #

BM018_breathing
| String

BM018_breathing
| String

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

1 Standing
2 Sitting
3 Lying down

BM016

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

BM025

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

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

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 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]

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 test
5 R did not understand the instructions
6 R had a surgery, injury, inflammation or pain
97 Other (Specify):

BM026_other

String

ENDIF

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
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

BM050

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 a table]

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
993 R tried but was unable
999 R chose not to do it

BM052_sec

String
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

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 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]

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
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):

BM051_other
String

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
2 No

IF BM040 = Yes THEN

[Questions BM042 to BM042_milisec are displayed as a table]

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?

1 Yes
2 No
8 Don't Know
[[Questions BM044 to BM044_other are displayed as a table]]

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
[[WER: 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
[[WER: 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 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):

BM041_other
String

ENDIF

ENDIF

IF BM035 = No THEN

[[Questions BM036 to BM036_other are displayed as a table]]

BM036
[[WER: Why didn’t R complete the semi-tandemstand?]]
- 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
- 97 Other (Specify):

BM036_other
String

BM040
4b. Side-by-side stand [[WER: 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
[[WER: 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?]

1 Yes
2 No
8 Don't Know

[Questions BM044 to BM044_other are displayed as a table]

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):

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

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]
BM065

[[WER: 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

[[WER: Record type of floor surface.]
String

[Questions BM066 to BM066_other are displayed as a table]

BM066

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

BM066_other

String

BM067

[[WER: 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

[[WER: 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 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 [[WER: 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

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

IF BM080 = Yes THEN

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

BM080
| IWER: Were you able to measure the R’s weight? |
| 1 Yes |
| 2 No |

IF BM080 = Yes THEN

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_Hwaist
| # |

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**
[[WER: 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**
[[WER: 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**
[[WER: Who completed the measurement?]
  1 R completed the measurement
  2 IWER completed the measurement

ENDIF

IF BM090 = No THEN

[Questions BM091 to BM091_other are displayed as a table]

**BM091**
[[WER: 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 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 [[WER: 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 |

| 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 |

| BM105 |
| [IWER: Which arm was used to conduct the measurements?] |
| 1 Left arm |
| 2 Right arm |

| 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 |

| 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]
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 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
7. Other (Specify):

Knee height

Are 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_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

[Questions BM115 to BM115_other are displayed as a table]

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
4. Other (Specify):

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
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 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):

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