

**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 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

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 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

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 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 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

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

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 -- 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

```

| | BM052_milisec
| | String
| |
| | BM053
| | [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]
| |
| | BM054
| | [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 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]
| |
| | 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
| | 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
| |
| | 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]
| |
| | 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?]
| | 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
| |
| | 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-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 [IWER: Was the R able to conduct the side-by-side stand?]
| | 1 Yes
| | 2 No
| |
| | IF BM040 = Yes THEN
| |
| | [Questions BM042 to BM042_mililsec 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_mililsec
| | 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
||
|| 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_mililsec [2] are displayed as a table]
||
|| BM062_intro
|| Measurement
||
|| BM062_Hmeasure
|| #
||
|| BM062_Htesttime
|| Walking Speed Time
||
|| BM063_TestTime_sec
|| String
||
|| BM064_TestTime_mililsec
|| String
||
|| BM063_TestTime_sec
|| String
||
|| BM064_TestTime_mililsec
|| 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 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 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 [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 floorsurface]

- 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 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

[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 for this  
|  
| BM122  
| [IWER: Who completed the measurement?]  
| 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  
|  
| 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

| **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

| | **DB003**

| | Do you feel it would be safe for you to do this test?

| | 1 Yes

| | 2 No

| | IF DB003 = Yes THEN

| | | **DB003_a**

| | | Thank you for your cooperation. This concludes the physical measure and biomarkers portion of the interview. Before we continue with the interview, I need a moment to enter some information in the computer.

| | [Questions DB005 to DB005_other are displayed as a table]

DB005

What, if any, problems occurred during the collection of the blood sample?

- 1 None
- 2 R fainted, became light-headed or nauseous
- 3 R had difficulty getting her/his finger to stop bleeding
- 4 Other, please specify

DB005_other

String

[Questions DB006 to DB006_other are displayed as a table]

DB006

Who pricked the R's finger(s)?

- 1 R pricked own finger(s)
- 2 IWER pricked R's finger(s)
- 3 Both R and IWER pricked R's finger(s)
- 4 Someone else pricked R's finger(s) (Specify relationship to R)

DB006_other

String

DB007

How many circles were filled on the first card?

- 1 0
- 2 1
- 3 2
- 4 3
- 5 4
- 6 5

DB009

How many times did the R's finger need to be pricked in order to fill the circles?

- 1 One time
- 2 Two times
- 3 Two times but the R was unable to fill all four circles with blood

DB010

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 there was no obvious reason for this

ENDIF

IF DB003 = No THEN

[Questions DB004 to DB004_other are displayed as a table]

DB004

Why didn't R complete the blood sample?

- 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 has hemophilia or is on medication that thins the blood (anticoagulant)
- 97 Other, please specify

DB004_other

String

ENDIF

ENDIF

IF DB002 = No THEN

[Questions DB004 to DB004_other are displayed as a table]

DB004

Why didn't R complete the blood sample?

- 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 has hemophilia or is on medication that thins the blood (anticoagulant)
- 97 Other, please specify

|| **DB004_other**

| String

| ENDIF

| ENDIF

| IF DB001 = No THEN

| [Questions DB004 to DB004_other are displayed as a table]

| **DB004**

| Why didn't R complete the blood sample?

| 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 has hemophilia or is on medication that thins the blood (anticoagulant)

| 97 Other, please specify

| **DB004_other**

| String

| ENDIF