

Appendix G Nurse (stage 2) overview and documents

G1 Overview of information collected during the nurse stage

Table G.1 summarises the information collected during the nurse stage. Some of the information collected by nurses was limited to particular age groups.

Table G.1: Information collected during the nurse stage	
Measurement or procedure	Participant
Details of prescribed medications	All ages
Blood pressure	Aged 4 years and over
Infant length measurements	Aged 18-23 months
Waist and hip circumferences	Aged 11 years and over
Demi-span ⁱ	Aged 65 years and over and those aged 16-64 years where height could not be measured
Mid Upper Arm Circumference (MUAC)	Aged 2-15 years
24-hour urine collection	Aged 4 years and over fully out of nappies
Non-fasting blood sampling	Aged 1.5-3 years and diabetics not willing to fast
Fasting blood sampling	Aged 4 years and over

The CAPI nurse interview and documents used during the nurse stage are shown in the remainder of this Appendix.

ⁱ Demi-span was measured in participants for whom, for postural reasons, a measure of height would give a poor measure of stature (e.g. in some elderly people, or for people with certain disabilities). Demi-span is strongly related to a person's height and is the distance between the sternal notch and the finger roots with the arm out-stretched laterally.

National Diet and Nutrition Survey (NDNS)

Program Documentation

Nurse Schedule

This 'paper version of the program' has been created to indicate the wording and content of the nurse questionnaire.

PART 2: Nurse Schedule

- Instructions for the nurse are given in capital letters, and questions the nurse is to ask the respondent are given as normal text.
- Items which appear in the actual program but which have been excluded here for clarity include: Repetition of respondent's name on each question; Checks on the accuracy of answer codes in relation to each other; Prompts for back-coding during the edit process.

HOUSEHOLD GRID

Intro

NURSE: The following information is to be taken from page 2 of the NRF.

1 Continue

Name

NURSE: Enter the name of RESPONDENT NUMBER from the NRF.

: STRING [20]

Sex

NURSE: Code the sex of RESPONDENT NUMBER from the NRF.

1 Male

2 Female

AgeOf

NURSE: Enter the age of RESPONDENT NUMBER from the NRF.

: 0..120

AgeOfM

Age in months

: 00..1440

DOB

NURSE: Enter the date of birth of RESPONDENT NUMBER from the NRF.

OC

NURSE: Enter the code for RESPONDENT NUMBER from NRF.

- 1 Agreed nurse
- 2 Refused nurse
- 3 No diary data

DemiS

NURSE: From NRF please say whether RESPONDENT NUMBER requires a demi-span measurement.

- 1 Yes
- 2 No

ParName1

NURSE: Enter the name of the 1st parent giving consent for RESPONDENT NUMBER from NRF.

: STRING [20]

ParName2

NURSE: Enter the name of the 2nd parent giving consent for RESPONDENT NUMBER from NRF.

If only 1 parent just press <Enter>

: STRING [20]

BMI

NURSE: From NRF please enter BMI calculation for RESPONDENT NUMBER.

If no BMI available code 'Don't Know' <Ctrl K>

: 5.0..50.0

More

NURSE: Is there a second respondent in this household?

N.B. If there is a second respondent you should enter '1' for Yes here even if the second person refused a nurse visit.

- 1 Yes
- 2 No

NURSE SCHEDULE

RName

Name of respondent.

: STRING [20]

RAge

Age of respondent.

: 0..120

MonthAge

Age of infant respondent (in months).

: 0..97

WeekAge

Age of infant respondent (in weeks).

: 0..997

RSex

Sex of respondent.

1 Male

2 Female

DrugClot

Any anti-coagulant drugs recorded in the drugs section?

1 Yes

2 No

NSeqNo

Nurse Schedule number.

: 0..2

Info

NURSE: You are in the Nurse Schedule for...

Person *(Person number)*

Name *(Respondent name)*

Age *(Respondent age)*

Sex *(Respondent sex)*

1 Yes "Yes, I will do the interview now"

2 No "No, I will not be able to do this interview"

StrtNur

Nurse schedule for **(respondent name)**.

NURSE : Enter the start time of the interview in hours and minutes using the 24-hour clock (e.g. 17 :30).

: TIMETYPE

DateOK

NURSE : Today's date according to the laptop is *(Date)*.

Is this the correct date?

1 Yes

2 No

IF (DateOK = No) THEN

NurDate

NURSE : Enter the date of this interview.
: DATETYPE

NDoBD

Can I just check your date of birth?

NURSE : Enter day, month and year of (respondent's name)'s date of birth separately.
Enter the **day** here.
: 1..31

NDoBM

NURSE : Enter the code for the **month** of (respondent's name)'s date of birth.

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November
- 12 December

NDoBY

NURSE: Enter the **year** of (respondent's name)'s date of birth.
: 1890..2008

HHAge

Age of respondent based on Nurse entered date of birth and date at time of household interview.
: 0..120

DispAge

CHECK WITH RESPONDENT: So your/(child's name)'s age is (*age*)?

- 1 Yes
- 2 No

IF (Age <= 15) THEN

CParInt

NURSE: A child can **only** be interviewed with the permission of, and in the presence of, their parent or a person who has (permanent) legal parental responsibility (*specify names*).
No measurements should be carried out without the agreement of both the parent **and** the child.

N.B Written child assent, where appropriate, should also be sought from children who are able to give it.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

IF (Age = 16-49) THEN

PregNTJ

Can I check, are you pregnant or breastfeeding at the moment?

- 1 Yes
- 2 No

IF (Age = 10-15) THEN

UPreg

NURSE: Has the respondent (or her parent) told you that she is pregnant or breastfeeding?
Do **not** ask for this information - only code whether or not it has been volunteered.

- 1 Pregnant "Yes, told me she is pregnant/breastfeeding"
- 2 NotTold "No, **not** told me she is pregnant/breastfeeding"

IF (PregNTJ = Yes) OR (UPreg = Pregnant) THEN

PregMes

NURSE: Respondent is pregnant.

No measurements to be done.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

NoCodeB

NURSE: NO MEASUREMENTS TO BE TAKEN.

Circle codes **02, 04, 06, 08, 10, 12, 14, 16, 18** on the front of the Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

MedCNJD

Are/(Is) you/(child's name) taking or using any medicines, pills, syrups, ointments, puffers or injections prescribed for you/(him/her) by a doctor or a nurse?

NURSE: If statins have been prescribed by a doctor please code them here. If they have been bought without a prescription code at Statins question.

NURSE: INCLUDE DIETARY SUPPLEMENTS AS LONG AS PRESCRIBED. MEDICINES SHOULD BE BEING TAKEN NOW, OR BE CURRENT PRESCRIPTIONS FOR USE 'AS REQUIRED.'

- 1 Yes
- 2 No

IF (Age >= 16) AND (MedCNJD = No) THEN

Statins

Are you taking statins (drugs to lower cholesterol) bought over the counter from a pharmacist, without the prescription of a doctor?

- 1 Yes
- 2 No

IF (Statins = Yes) THEN

StatinA

Have you taken/used any statins in the last 7 days?

- 1 Yes
- 2 No

IF (MedCNJD = Yes) THEN

MedIntro

Could I take down the names of the medicines, including pills, syrups, ointments, puffers or injections, prescribed for you/(child's name) by a doctor?

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

DrCod1

NURSE: To do the drug coding now, press <Ctrl Enter>, select (*DrugCode*) with the highlight bar and press <Enter>.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

NoCodes

NURSE: No blood to be taken.

Circle consent codes **12, 14, 16, 18** on front of the Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

AllCheck

Check before leaving the respondent:

That (*respondent's name*) has a Consent Booklet.

That full GP details are entered on front of the Office Consent Booklet.

The name by which GP knows respondent.

That all details are completed on front of the Office Consent Booklet.

That all necessary signatures have been collected in both consent booklets.

That appropriate codes have been ringed on the front of the office consent booklet. (For those who have agreed a return visit to either give a blood samples or a 24 urine sample, there will be further consents to collect at the return visit).

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

NurOut

NURSE: Why were you not able to complete the nurse schedule for person (*Person Number: Respondent Name*)?

1	NotToBe	(800)	"Refuses nurse visit - not to be interviewed"
2	Complete	(810)	"Nurse schedule completed"
3	NoContact	(820)	"No contact made"
4	PerRef	(830)	"Refusal by person"
5	ProxRef	(840)	"Proxy refusal"
6	Broken	(850)	"Broken appointment"
7	IllHome	(860)	"Ill (at home)"
8	IllHosp	(870)	"Ill (in hospital)"
9	Away	(880)	"Away (other reason)"
10	Other	(890)	"Other reason for schedule not being completed"

Thank

NURSE: Thank respondent for his/her co-operation.

Then press <1> and <Enter> to finish.

1 Continue

INFANT LENGTH

IF (Age < 2) THEN

LgthMod

NURSE: Now follows the **Infant Length** module.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

LgthInt

(As I mentioned earlier,) I would like to measure (child's name)'s length.

IF ASKED: This gives us information about your child's growth.

1 Agree "Length measurement agreed"
2 Refuse "Length measurement refused"
3 Unable "Unable to measure length for other reason"

IF (LgthInt = Agree) THEN

Length

NURSE: Measure infant's length and record in centimetres.

If measurement not obtained, enter '999.9'.

: 40.0..999.9

IF (Length <> 999.9) THEN

LgthRel

NURSE: Is this measurement reliable?

1 Yes
2 No

IF (Length <> 999.9) THEN

MbkLgth

NURSE: Write the results of the length measurement on respondent's Measurement Record Card.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

IF (Length = 999.9) THEN

YNoLgth

NURSE: Give reason for not obtaining a length measurement.

1 Refuse "Measurement refused"
2 TryNot "Attempted, not obtained"
3 NoTry "Measurement not attempted"

IF (YNoLgth = Refuse, TryNot or NoTry) OR (LgthInt = Refuse or Unable) THEN

NoAttL

NURSE: Give reason for (*refusal/not obtaining measurement/not attempting the measurement*).

1 Asleep "Child asleep"
2 Fright "Child too frightened or upset"
3 Shy "Child too shy"
4 Lie "Child would not lie still"
5 Other (95) "Other reason(s)"

IF (NoAttL = Other) THEN

OthNLth

NURSE: Enter details of other reason(s) for not obtaining/attempting the length measurement.

: STRING [100]

PRESCRIBED MEDICATIONS

{FOLLOWING QUESTIONS ASKED ON A LOOP}:}

MedBI

NURSE: Enter name of drug no.

Ask if you can see the containers for all prescribed medicines currently being taken.

If Aspirin, record dosage as well as name.

: STRING [50]

MedBIA

Have/(Has) you/(child's name) taken/used (*text from MedBI*) in the last 7 days?

1 Yes

2 No

MedBIC

NURSE CHECK: Any more drugs to enter?

1 Yes

2 No

MID-UPPER ARM CIRCUMFERENCE

MUACInt

(As I mentioned earlier,) I would like to measure your/(respondent's name)'s upper arm circumference.

NURSE: **IF ASKED:** This gives us information about the distribution of fat.

- | | | |
|---|--------|---|
| 1 | Agree | "Respondent agrees to have upper arm circumference measured" |
| 2 | Refuse | "Respondent refuses to have upper arm circumference measured" |
| 3 | Unable | "Unable to measure upper arm circumference for reason other than refusal" |

IF (MUACInt = Agree) THEN

CUpArm

NURSE: Measure circumference of left arm and record in centimetres.

If measurement not obtained, enter '99.9'

: 5.0..100.0

IF (CUpArm = 5.0..99.8) THEN

CUpRel

Is the (*first/second/third*) measurement reliable?

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |

IF (CUpArm = 99.9 (*both attempts*)) THEN

CRespUp

NURSE CHECK:

- | | | |
|---|---------|-----------------------------|
| 1 | Refused | "Both measurements refused" |
| 2 | TryNot | "Attempted not obtained" |
| 3 | NoTry | "Measurement not attempted" |

IF (CUpArm <> 99.9 (*both attempts*)) THEN

CUpMeas

NURSE CHECK: Arm circumference measured with respondent:

- | | | |
|---|----------|--|
| 1 | Standing | "Standing" |
| 2 | Sitting | "Sitting" |
| 3 | Lying | "Lying down" |
| 4 | RightArm | "Measured on right arm as left arm unsuitable" |

IF (CRespUp = Refused OR TryNot OR NoTry) OR (CUpArm = 99.9) THEN

NoCUpArm

NURSE: Give reason(s) for (*only obtaining one measurement/refusal/not obtaining measurement/measurement not being attempted.*)

: STRING [140]

IF (CUpArm = 5.0..99.8) THEN

ArmRes

NURSE: Offer to write results of arm circumference measurement on respondent's

Measurement Record Card. Complete new card if required.

(*Measurements displayed*)

PRESS 1 AND ENTER TO CONTINUE.

- | | |
|---|----------|
| 1 | Continue |
|---|----------|

BLOOD PRESSURE

BPMod

NURSE: Now follows the **Blood Pressure** module.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

BPIntro

(As I mentioned earlier) We would like to measure your/(child's name)'s blood pressure. The analysis of blood pressure readings will tell us a lot about the health of the population.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

BPBlurb

NURSE: Read out to parent (*if applicable*):

(As I mentioned earlier) we would like to measure your/(child's name)'s blood pressure. If you wish, I will write the results on your/(his/her) Measurement Record Card.

I will not, however, be able to tell you what the results mean. This has to be calculated using your/(his/her) age, sex and height. Also blood pressure can vary from day to day and throughout the day, so one high reading would not necessarily mean that you/(he/she) have/(has) high blood pressure.

However, if you would like us to, we will send your/(his/her) results to your/(his/her) GP who is better placed to interpret them.

In the unlikely event that (respondent's name) should be found to have a high blood pressure for your/(his/her) age and height, we shall advise your/(his/her) GP (with your permission) that your/(his/her) blood pressure should be measured again.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

BPConst

NURSE: Does the respondent agree to blood pressure measurement?

- | | | |
|---|--------|--|
| 1 | Agree | "Yes, agrees" |
| 2 | Refuse | "No, refuses" |
| 3 | Unable | "Unable to measure BP for reason other than refusal" |

ConSubX

May I just check, have you eaten, smoked, drunk alcohol or done any (vigorous) exercise in the past 30 minutes?

CODE ALL THAT APPLY.

: SET [4] OF

- | | | |
|---|----------|----------------------------|
| 1 | Eat | "Eaten" |
| 2 | Smoke | "Smoked" |
| 3 | Drink | "Drunk alcohol" |
| 4 | Exercise | "Done (vigorous) exercise" |
| 5 | None | "(None of these)" |

ConSubX2

May I just check, has (respondent's name) eaten, or done any vigorous exercise, in the past 30 minutes?

CODE ALL THAT APPLY.

: SET [2] OF

- | | | |
|---|----------|--------------------------|
| 1 | Eat | "Eaten" |
| 2 | Exercise | "Done vigorous exercise" |
| 3 | None | "Neither" |

DINNo

NURSE: Please record the Omron serial number.

E.g. if it says 'LOM 111', enter '111'.

: 001..999

CufSize

NURSE: Select cuff and attach to the respondent's **right** arm.

Ask the respondent to sit still for five minutes.

Record cuff size chosen.

- | | | |
|---|--------|---------------------|
| 1 | Small | "Small (15-22 cm)" |
| 2 | Medium | "Medium (22-32 cm)" |
| 3 | Large | "Large (32-42 cm)" |

Sys

NURSE: Enter the **(first/second/third) systolic reading** (mmHg).

If reading not obtained, enter 999.

: 001..999

Dias

NURSE: Enter the **(first/second/third) diastolic reading** (mmHg).

If reading not obtained, enter 999.

: 001..999

Pulse

NURSE: Enter the **(first/second/third) pulse reading** (bpm).

If reading not obtained, enter 999.

: 001..999

Full

All readings OK.

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |

IF (AT LEAST ONE '999' RESPONSE) THEN**YNoBP**

NURSE: Enter reason for not recording any full BP readings.

- | | | |
|---|---------|---|
| 1 | Tried | "Blood pressure measurement attempted but not obtained" |
| 2 | NoTry | "Blood pressure measurement not attempted" |
| 3 | Refused | "Blood pressure measurement refused" |

RespBPS

- | | | |
|---|---------|-----------|
| 1 | Three | "Three" |
| 2 | Two | "Two" |
| 3 | One | "One" |
| 4 | Tried | "Tried" |
| 5 | NoTry | "NoTry" |
| 6 | Refused | "Refused" |

IF (RespBPS = Two..Refused) OR (BPConst = Refuse) THEN

NAttBPD

NURSE: Record why (*only two readings obtained/only one reading obtained/reading not obtained/reading not attempted/reading refused/unable to take reading*).

CODE ALL THAT APPLY.

: SET OF

- | | | |
|---|----------|---|
| 1 | PC | "Problems with PC" |
| 2 | Upset | "Respondent upset/anxious/nervous" |
| 3 | Error844 | "Error 844' reading" |
| 4 | Shy | "Too shy (<i>children</i>)" |
| 5 | Fidget | "Child would not sit still long enough (<i>children</i>)" |
| 6 | Other | "Other reason(s) (specify at next question)" |
| 7 | Cuff | "Problems with Cuff fitting/painful" |
| 8 | Omron | "Problems with Omron readings (zeros, no readings)" |
| 9 | Laptop | "Problems with laptop" |

IF (NAttBPD = Other) THEN

OthNBP

NURSE: Enter full details of other reason(s) for not obtaining/attempting three BP readings.

: STRING [140]

IF (RespBPS = One, Two or Three) THEN

DifBPC

NURSE: Record any problems taking readings.

CODE ALL THAT APPLY.

: SET [3] OF

- | | | |
|---|----------|--|
| 1 | NoProb | "No problems taking blood pressure" |
| 2 | LeftOnly | "Reading taken on left arm because right arm not suitable" |
| 3 | Upset | "Respondent was upset/anxious/nervous" |
| 4 | Other | "Other problems (specify at next question)" |
| 5 | Cuff | "Problems with cuff fitting/painful" |
| 6 | Omron | "Problems with Omron readings (zeros, no readings)" |

IF (DifBPC = Other) THEN

OthDifBP

NURSE: Record full details of other problem(s) taking readings.

: STRING [140]

IF (RespBPS = One, Two or Three) THEN

GPRegBP

Are/(Is) you/(child's name) registered with a GP?

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |

IF (GPRegBP = Yes) THEN

GPSEND

May we send your/(child's name)'s blood pressure readings to your/(his/her) GP?

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |

IF (GPSEND = No) THEN

GPRefC

NURSE: Specify reason(s) for refusal to allow BP readings to be sent to GP.

CODE ALL THAT APPLY.

: SET OF

- | | | |
|---|----------|------------------------------------|
| 1 | NeverSee | "Hardly/Never sees GP" |
| 2 | GPKnows | "GP knows respondent's BP level" |
| 3 | Bother | "Does not want to bother GP" |
| 4 | Other | "Other (specify at next question)" |

IF (GPRefC = Other) THEN

OthRefC

NURSE: Give full details of reason(s) for refusal.

: STRING [140]

IF (GPReg <> Yes) OR (GPSEND = No) THEN

Code02

NURSE: Circle consent **code 02** on front of Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

IF (GPSEND = Yes) THEN

Code01

NURSE:

- Complete 'Blood pressure to GP in both the Consent Booklet and the Respondent Copy.
- Ask respondent/(respondent's parent) to read, sign and date the form in both the Consent Booklet and the Respondent Copy.
- Check that GP name, address and phone no. are recorded on the Consent Form.
- Check the name by which GP knows respondent.
- Circle consent **code 01** on front of the Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

IF (RespBPS = One, Two or Three) THEN

BPOffer

NURSE: Offer blood pressure results to respondent/(respondent's parent).

(Displays readings)

Enter these on (respondent's name)'s **Measurement Record Card** (complete new record card if required).

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

DEMI-SPAN

SpanIntro

NURSE: Now follows the **Measurement of Demi-span**.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

SpanInt

I would now like to measure the length of your arm. Like height, it is an indicator of size.

NURSE CODE:

1 Agree "Respondent agrees to have demi-span measured"
2 Refuse "Respondent refuses to have demi-span measured"
3 Unable "Unable to measure demi-span for reason other than refusal"

IF (SpanInt = Agree) THEN

Span

NURSE: Enter the *(first/second/third)* demi-span measurement in centimetres.

If measurement not obtained, enter '999.9'.

: 5.0..1000.0

IF (Span <> 999.9) THEN

SpanRel

NURSE: Is the *(first/second/third)* measurement reliable?

1 Yes
2 No

IF (Span = 999.9 (both attempts)) THEN

YNoSpan

NURSE: Give reason for not obtaining at least one demi-span measurement.

1 Refuse "Measurement refused"
2 TryNot "Attempted but not obtained"
3 NoTry "Measurement not attempted"

IF (YNoSpan = Refuse OR TryNot OR NoTry) THEN

NotAttM

NURSE: Give reason for *(refusal/not obtaining measurement/measurement not being attempted)*.

: SET OF

1 Bent "Cannot straighten arms"
2 Bed "Respondent confined to bed"
3 Stoop "Respondent too stooped"
4 NotUnd "Respondent did not understand the procedure"
5 Other "Other"

IF (NotAttM = Other) THEN

OthAttM

NURSE: Give full details of other reason for *(refusal/not obtaining measurement/measurement not being attempted)*.

: STRING [140]

IF (Span <> 999.9) THEN

SpnM

NURSE CHECK: Demi-span was measured with the respondent:

CODE ALL THAT APPLY.

: SET [2] OF

- | | | |
|---|---------|--|
| 1 | Wall | "Standing against the wall" |
| 2 | NoWall | "Standing not against the wall" |
| 3 | Sitting | |
| 4 | Lying | "Lying down" |
| 5 | LeftArm | "Demi-span measured on left arm due to unsuitable right arm" |

DSCard

NURSE: Write results of demi-span measurement on respondent's Measurement Record Card.

(Displays measurements)

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

WAIST & HIP

WHMod

NURSE: Now follows the **Waist and Hip Circumference Measurement**.

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

WHIntro

I would now like to measure your waist and hips. The waist relative to hip measurement is very useful for assessing the distribution of weight over the body.

NURSE CODE:

1 Agree "Respondent agrees to have waist/hip ratio measured"
2 Refuse "Respondent refuses to have waist/hip ratio measured"
3 Unable "Unable to measure waist/hip ratio for reason other than refusal"

IF (WHIntro = Agree) THEN

Waist

NURSE: Measure the waist and hip circumferences **to the nearest mm**.

Enter the (*first/second/third*) waist measurement in centimetres.

(Remember to include the decimal point.)

If measurement not obtained, enter '999.9'.

: 40.0..1000.0

IF (WHIntro = Agree) THEN

Hip

NURSE: Measure the waist and hip circumferences **to the nearest mm**.

Enter the (*first/second/third*) measurement of hip circumference in centimetres.

(Remember to include the decimal point.)

If measurement not obtained, enter '999.9'.

: 50.0..1000.0

RespWH

Imputed

1 Both "Both obtained"
2 One "One obtained"
3 Refused "Refused"
4 NoTry "NoTry"

IF (Waist = 999.9 (*either attempt*)) OR (Hip = 999.9 (*either attempt*)) THEN

YNoWH

NURSE: Enter reason for not getting both measurements.

1 Refused "Both measurements refused"
2 TryNot "Attempted but not obtained"
3 NoTry "Measurement not attempted"

IF (RespWH = One, Refused OR NoTry) OR (YNoWH = Refused) THEN

WHPNABM

NURSE: Give reason(s) *(for refusal/why unable/for not obtaining measurement/for not attempting/why only one measurement obtained)*.

CODE ALL THAT APPLY.

: SET OF

- | | | |
|---|----------|---|
| 1 | ChairBnd | "Respondent is chairbound" |
| 2 | Bed | "Respondent is confined to bed" |
| 3 | Stoop | "Respondent is too stooped" |
| 4 | NotUnd | "Respondent did not understand the procedure" |
| 5 | Other | "Other (SPECIFY AT NEXT QUESTION)" |

IF (WHPNABM = OthWH) THEN

OthWH

NURSE: Give full details of 'other' reason(s) for not getting full waist/hip measurement.

: STRING [140]

IF (Waist (1st) <> 999.9 AND Waist (1st) <> EMPTY) OR (Waist (2nd) <> 999.9 AND Waist (2nd) <> EMPTY) THEN

WJRel

NURSE: Record any problems with **waist** measurement:

- | | | |
|---|----------|---|
| 1 | NoProb | "No problems experienced, reliable waist measurement" |
| 2 | ProbRel | "Problems experienced - waist measurement likely to be reliable " |
| 3 | ProbSIUn | "Problems experienced - waist measurement likely to be slightly unreliable " |
| 4 | ProbUn | "Problems experienced - waist measurement likely to be unreliable " |

IF (WJRel = ProbRel, ProbSIUn OR ProbUn) THEN

ProbWJ

NURSE: Record whether problems experienced are likely to increase or decrease the **waist** measurement.

- | | | |
|---|----------|-------------------------|
| 1 | Increase | "Increases measurement" |
| 2 | Decrease | "Decreases measurement" |

IF (Hip (1st) <> 999.9 AND Hip (1st) <> EMPTY) OR (Hip (2nd) <> 999.9 AND Hip (2nd) <> EMPTY) THEN

HJRel

NURSE: Record any problems with **hip** measurement:

- | | | |
|---|----------|---|
| 1 | NoProb | "No problems experienced, reliable hip measurement" |
| 2 | ProbRel | "Problems experienced - hip measurement likely to be reliable " |
| 3 | ProbSIUn | "Problems experienced - hip measurement likely to be slightly unreliable " |
| 4 | ProbUn | "Problems experienced - hip measurement likely to be unreliable " |

IF (HJRel = ProbRel, ProbSIUn OR ProbUn) THEN

ProbHJ

NURSE: Record whether problems experienced are likely to increase or decrease the **hip** measurement.

- | | | |
|---|----------|-------------------------|
| 1 | Increase | "Increases measurement" |
| 2 | Decrease | "Decreases measurement" |

IF (RespWH = Both OR One) THEN

WHRes

NURSE: Offer to write results of waist and hip measurements, where applicable, onto respondent's Measurement Record Card.

(Displays measurements)

PRESS 1 AND ENTER TO CONTINUE.

1 Continue

BMI TO GP CONSENT

IF (GPRegBP <> Yes) THEN

GPRegBM

NURSE CHECK: Is respondent registered with a GP?

- 1 Yes "Respondent registered with GP"
- 2 No "Respondent not registered with GP"

ConsBMI

During the first stage, the interviewer measured your height and weight and from this, your Body Mass Index (BMI) was calculated. BMI is a way of telling if you're a healthy weight for your height.

May we send your BMI calculation to your GP?

NURSE: (*Displays measurements*)

- 1 Yes
- 2 No

IF (ConsBMI = Yes) THEN

Code03

NURSE: Obtain signature in both the Consent Booklet and the Respondent Copy.

Circle consent **code 03** on front of the Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue

IF (ConsBMI = No) THEN

Code04

"NURSE: The respondent does **not** want their BMI calculation sent to their GP.

Circle consent **code 04** on front of the Consent Booklet.

PRESS 1 AND ENTER TO CONTINUE.

- 1 Continue