

Understanding Society Wave 2 Year 2 and Wave 3 Year 1 Nurse Visit CAPI Program documentation

HOUSEHOLD LEVEL

Elig

NURSE: The people in this HH who are eligible for a nurse visit are:

<u>No</u>	<u>Name</u>	<u>Sex</u>	<u>Age</u>	<u>DoB</u>	<u>TU Outcome</u>
[number]	[name]	[sex]	[sex]	[sex]	[agreed /refused /unknown]

The following people in the HH are NOT eligible for a nurse visit:

<u>No</u>	<u>Name</u>	<u>Sex</u>	<u>Age</u>	<u>DoB</u>	<u>Reason</u>
[number]	[name]	[sex]	[sex]	[sex]	[aged under 16 /not interviewed in person / not interviewed in English /deceased]

1. Press <1> and <Enter> to continue.

SchDisp

NURSE: To interview each person, press <Ctrl Enter> and select the corresponding nurse schedule as listed below.

<u>No</u>	<u>Name</u>	<u>Sex</u>	<u>Age</u>	<u>DoB</u>	<u>TU Outcome</u>
[number]	[name]	[sex]	[sex]	[sex]	[agreed /refused /unknown]

Press <Ctrl Enter> to select a nurse schedule for the person you want to interview, or to quit this form.

PERSON LEVEL

IF TU Outcome = 1 THEN

Info

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

Person [Respondent Serial Number]

Name [Respondent Name]

Can you interview this person? To leave this schedule for now, press <Ctrl Enter>

1. Yes, I will do the interview now
2. No, I will not be able to do this interview

[NODK, NORF]

END OF FILTER

IF TU Outcome = 2 THEN

RefInfo

NURSE: [Respondent name] is not recorded as agreeing to a nurse visit. Please first check if [he/she] wants to go ahead .

Can you interview this person? To leave this schedule for now, press <Ctrl Enter>.

1. Yes, [agrees to nurse visit] {change}
2. No, [refuses nurse visit] {still}

[NODK, NORF]

END OF FILTER

IF Info = 2 OR RefInfo = 2 THEN

NurOut

NURSE: Why were you not able to complete the nurse schedule for person [respondent name] [respondent serial number]

11. Nurse visit conducted - blood sample sent to lab
12. Nurse visit conducted - no blood sample to lab
31. Individual has left household
32. Contact made at household but not with this respondent
41. Refusal by person at appointment booking stage
42. Refusal by person at visit stage
43. Office refusal
44. Proxy refusal
45. Broken appointment, no further contact
46. Ill at home/in hospital/away during f/w period (until Mar 2011)
51. Physically / mentally unable
61. Other unproductive
71. Respondent is pregnant
72. Respondent has died
81. Whole household unproductive (refusal/no contact/moved/not covered)

[NODK, NORF]

END OF FILTER {End of nurse schedule and returns to parallel blocks}

IF Info = 1 OR RefInfo = 1 THEN

StrtNur

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

TIMETYPE

[NODK, NORF]

DateOK

NURSE: Today's date according to the laptop is [automatically recorded date of interview]

Is this the correct date?

1. Yes

2. No

[NODK, NORF]

IF DateOK=2 THEN

NurDate

NURSE: Enter the date of this interview.

DATETYPE

[NODK, NORF]

ENDIF

PCheck

NURSE: CHECK WITH RESPONDENT [respondent name]: 'Can I just check your personal details?' READ OUT DATE OF BIRTH...

Date of birth: [respondent DoB]

Sex: [respondent Sex]

NURSE: If you are in the wrong individual schedule press <Ctrl Enter> and find the correct one.

If the details for this person need amending you can change them here.

Please check carefully: Do these correspond to the person you are about to interview?

1. Yes

2. No, wrong date of birth

3. No, wrong sex

4. No, date of birth and sex are both wrong

[NODK, NORF]

IF PCheck = 2 OR PCheck=4 THEN

NDoB

NURSE: Enter the correct date of birth.

DATETYPE

END OF FILTER

IF PCheck = 3 OR PCheck=4 THEN

NSex

NURSE: Code the correct sex.

1. Male

2. Female

END OF FILTER

COMPUTED VARIABLE

ConfAge

RANGE: 0..120

{Age of respondent based on Nurse entered date of birth and date at time of household interview.}

DispAge

CHECK WITH RESPONDENT: So your age is [ConfAge]?

1. Yes
2. No

*IF Info = 1 OR RefInfo = 1 THEN**IF RSex = 2 THEN***PregNTJ**

Can I check, are you pregnant at the moment?

1. Yes
2. No

*END OF FILTER**IF PregNTJ = 1 THEN***PregMes**

NURSE: Respondent is pregnant.

No interview required.

Press <1> and <Enter> to continue.

1. Continue

*END OF FILTER***COMPUTED VARIABLE****NCPregJ**

1. Pregnant
2. NotPreg

*IF PregNTJ = 1 THEN NCPregJ =1**ELSE NCPregJ =2 ENDIF***EndReach**

NURSE: End of questionnaire reached.

Press <1> and <Enter> to continue.

1. Continue

[NODK, NORF]

*END OF FILTER***BFCK2**

Can I check, have you had a pacemaker or an internal defibrillator fitted?

NURSE: If they are fitted with such a device, do not measure weight or body fat.

1. Respondent fitted with pacemaker/internal defibrillator
2. No pacemaker/internal defibrillator

IF BFCK2 = 1 THEN

SIGNAL

NURSE: You have coded that the respondent has been fitted with a pacemaker. This means that no weight and body fat measurements are to be taken.

Is this correct?

If yes suppress this warning and continue. If no, go back and code 2.

END OF FILTER

Prescribed Medicines

MedCNJD

Are you taking or using any medicines, pills, syrups, ointments, puffers or injections prescribed for you 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 the Statins question.

1. Yes
2. No
3. Yes, but unable to code as name of drug(s) not available.

IF (MedCNJD = 1) THEN

MedIntro

Could I take down the names of the medicines, including pills, syrups, ointments, puffers or injections, prescribed for you by a doctor or a nurse?

NURSE: Including the contraceptive pill.

1. Press <1> and <Enter> to continue.

LOOP UP TO 22 TIMES

MedBI

NURSE: Enter name of drug number [1..22].

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 you taken/used [MedBI] in the last 7 days?

1. Yes
2. No

MedBIC

NURSE CHECK: Any more drugs to enter?

1. Yes
2. No

[NODK, NORF]

END OF LOOP

END OF FILTER

TBMed

Are you currently taking any medications for the treatment of tuberculosis?

1. Yes
2. No

Statins

Can I just check, are you taking statins (drugs to lower cholesterol) bought over the counter from a pharmacist, without prescription from a doctor?

NURSE: Here are some examples of common statins, which may be bought over the counter:

Atorvastatin (Lipitor)

Fluvastatin (Lescol, Lescol XL)

Pravastatin (Lipostat)

Rosuvastatin (Crestor) and Simvastatin (Zocor)

1. Yes
2. No

IF (Statins = 1) THEN

StatinA

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

1. Yes
2. No

END OF FILTER

IF (Age [18..49]) AND (RSex = Female) THEN

Folic

At present, are you taking any folic acid supplements such as Solgar folic acid, Pregnacare tablets, Sanatogen Pronatal, or Healthy Start, to supplement your diet or improve your health?

1. Yes
2. No

IF (PreNTJ = 1 AND Folic = 1) THEN

FolPreg

Did you start taking folic acid supplements before becoming pregnant?

1. Yes
2. No

IF (FolPreg = 1) THEN

FolPreg12

Have you been taking folic acid supplements for the first 12 weeks of your pregnancy?

1. Yes
2. No

END OF FILTER

IF (Folic = 1) THEN

FolPregHR

People can take folic acid for various health reasons. Are you taking folic acid supplements because you hope to become pregnant?

1. Yes
2. No

END OF FILTER

END OF FILTER

IF MedCNJD = 1 THEN

Drug Coding

[ACCESSED THROUGH PARALLEL BLOCK, USUALLY COMPLETED IN RESTING TIME BEFORE BLOOD PRESSURE MEASURED]

LOOP UP TO 22 TIMES

DrC1

NURSE: Enter code for [drug entered at MedBI]

[Enter 999999 if unable to code(fielfd)/ Enter 999996 if unable to code (edit)]

STRING[6]

[NODK, NORF]

IF (first two digits of DrC1 = '02') AND DrC1 <> '021201' AND DrC1 <> '021202'

YTake1

Do you take [drug entered at MedBI] because of a heart problem, high blood pressure or for some other reason?

CODE ALL THAT APPLY

1. Heart problem
2. High blood pressure
3. Other reason

IF YTake= 3

TakeOth1

NURSE: Give full details of reason(s) for taking [drug entered at MedBI].

Press <Esc> when finished.

:OPEN

END OF FILTER

END OF FILTER

END OF LOOP

StrtDrug

: TIMETYPE

EndDrug

: TIMETYPE

DrugMins

Number of minutes to complete drug coding

RANGE: 0..99

NumDrugs

Number of drug codes for this person

RANGE: 0..22

Height

HgtInt

NURSE: Now follows the @IHeight Measurement@I module.

Press <1> and <Enter> to continue

1. Continue

HtIntro

I would now like to measure your height.

NURSE : Press <1> and <Enter> to continue.

1. Continue

HOW TO READ THE QUESTIONNAIRE:

RespHts

NURSE: Measure standing height and code below. Include 'disguised' refusals such as 'It will take too long', 'I have to go out' etc. at code 2: Height refused.

1. Height Measured
 2. Height refused
 3. Height attempted, not obtained
 4. Height not attempted
- [NODK, NORF]

IF RespHts = 1 THEN

Height

NURSE: Record standing height (in centimeters).

Please record height with one decimal digit, using the full stop as decimal point.

RANGE: 60..244 [NODK, NORF]

RelHite

NURSE: Code one only.

1. No problems experienced, reliable height measurement
2. Problems experienced - measurement likely to be reliable
3. Problems experienced - measurement likely to be unreliable

IF RelHite = 3 THEN

HiNRel

NURSE: What caused the height measurement to be unreliable?

1. Hairstyle or wig
2. Turban or other religious headgear
3. Respondent stooped
4. Respondent would not stand still
5. Respondent wore shoes
6. Other, please specify

IF HiNRel = 6 THEN

OHiNRel

NURSE: Please specify what caused unreliable height measurement.
STRING[60]

END OF FILTER

END OF FILTER

MBookHt

NURSE: Enter this height measurement on respondent's Measurement Record Card.

Height: [Respondent height in cm] or [Respondent height in feet and inches]

1. Continue

END OF FILTER

IF RespHts = 2 THEN

ResNHi

NURSE: Give reasons for refusal.

1. Cannot see point/Height already known/Doctor has measurement
2. Too busy/Taken too long already/ No time
3. Respondent too ill/frail/tired
4. Considered intrusive information
5. Respondent too anxious/nervous/ shy/embarrassed
6. Refused (no other reason given)
7. Other

[NODK, NORF]

END OF FILTER

IF RespHts=3 or RespHts=4 THEN

NoHtBC

NURSE: Code reason for not obtaining height.

CODE ALL THAT APPLY.

1. Respondent is unsteady on feet
2. Respondent cannot stand upright/too stooped
3. Respondent is chairbound
4. Confined to bed
5. Respondent unable to remove shoes
6. Ill or in pain
7. Stadiometer faulty or not available
8. Other - specify

[NODK, NORF]

IF NoHtBC =8 THEN

NoHitCO

NURSE: Please specify other reason for not obtaining standing height
measurement

STRING[60]

END OF FILTER

END OF FILTER

IF RespHts = 2 OR RespHts = 3 OR RespHts = 4 THEN

EHtCh

NURSE: Ask the respondent for an estimated height.

Will it be given in metres or in feet and inches?

If respondent doesn't know height use <Ctrl K>,
If respondent isn't willing to give height use <Ctrl R>.

1. Metres
2. Feet and inches

IF EHtCh=1 THEN

EHtm

NURSE: Please record estimated height in metres:

RANGE: 0.01..2.44

END OF FILTER

IF EHtCh = 2 THEN

EHtft

NURSE: Please record estimated height.

Enter feet here.

RANGE: 0..7

EHtin

NURSE: Please record estimated height.

Enter inches here.

RANGE: 0..11

END OF FILTER

END OF FILTER

COMPUTED VARIABLE

EstHt

Final measured or estimated height (cm)

RANGE : 0.0..999.9

Weight and Body Fat

WgtInt

NURSE: Now follows the Weight and Body Fat Measurement module.

Press 1 and Enter to continue.

1. Continue

IF(BFCK2 = 1) THEN

NoWtBdf

I will not take weight or body fat measurements as it is not advisable to use this equipment with a pacemaker/internal defibrillator.

Press <1> and <Enter> to continue.

1. Continue

END OF FILTER

IF BFCK2=2 THEN

RespWts

NURSE: Measure weight and code.

Include 'disguised' refusals such as 'It will take too long', 'I have to go out' etc. as a refusal.

1. Weight and body fat measured
2. Weight only measured
3. Weight refused
4. Weight attempted, not obtained
5. Weight not attempted

[NODK, NORF]

IF RespWts=1 OR RespWts=2 THEN

BFin

NURSE: If the respondent weighs more than 130 kg (20 ½ stones) do not conduct this measurement. Code as Not attempted at the next question.

Otherwise, enter the following details into the scales about the respondent:

Age: [Respondent age in years]

Gender: [Respondent gender]

Body type: STANDARD

Height: [Respondent height in cm]

Press <1> and <Enter> to continue.

1. Continue

Weight

NURSE: Record weight (in kilograms).

Record weight with one decimal digit, using the full stop as decimal point.

RANGE : 1.0..130.0

[NODK, NORF]

IF RespWts=1 THEN

BFPC

NURSE: Enter body fat measurement as displayed on the scales.

RANGE: 0.0..100.0

WTPC

NURSE: ENTER WATER PERCENTAGE AS DISPLAYED ON THE SCALES.
RANGE: 0.0..100.0

Only year 2

Feet

NURSE: What did the respondent have on their feet?
INCLUDE THIN NYLON SOCKS OR STOCKINGS WITH THIN TIGHTS

1. Barefoot
2. Thin tights
3. Thick tights / socks
4. Other

Only year 2

END OF FILTER

IF RespWts=2 THEN

NOBF

NURSE: Code reason why you were unable to measure body fat.
CODE ALL THAT APPLY

1. Respondent is wearing pacemaker
2. Height not obtained
3. Not able to take measurement for other reason

END OF FILTER

FloorC

NURSE CODE: Scales placed on?

1. Uneven floor
2. Carpet
3. Neither

RelWaitB

NURSE: Code one only.

Reliability of weight measurement

1. No problems experienced, reliable weight measurement obtained
2. Problems arised, measurement likely to be reliable
3. Problems arised, measurement likely to be unreliable

MBookWt

NURSE: Enter the weight measurement and body fat percentage on the Measurement Record Card.

Weight: [Respondent weight in kg] OR [Respondent weight in stones and pounds]

Body Fat: [[Respondent body fat]

Water percentage: [Respondent water percentage]

If weight looks wrong, go back to 'Weight' and re-weigh.

Press 1 and Enter>to continue.

Year 1 BMI computed and healthy body fat categories given as a rough guide

1. Continue

END OF FILTER

IF RespWts=3 OR RespWts=4 OR RespWts=5 THEN

IF RespWts=3 THEN

ResNWt

NURSE: Give reasons for refusal.

1. Cannot see point/Weight already known/Doctor has measurement
2. Too busy/Taken long enough already/No time
3. Respondent too ill/frail/tired
4. Considered intrusive information
5. Respondent too anxious/nervous/shy/embarrassed
6. Refused (no other reason given)
7. Other

[NODK, NORF]

END OF FILTER

IF RespWts=4 OR RespWts=5 THEN

NoWtBC

NURSE: Code reason for not obtaining weight.

CODE ALL THAT APPLY.

1. Respondent is unsteady on feet
2. Respondent cannot stand upright
3. Respondent is chairbound
4. Confined to bed
5. Respondent unable to remove shoes
6. Respondent weighs more than 130 kg
7. Ill or in pain
8. Scales not working
9. Other – specify

[NODK, NORF]

IF NoWtBC=9 THEN

NoWatCO

NURSE: Please specify other reason.

STRING[60]
END OF FILTER
END OF FILTER

EWtCh

NURSE: Ask the respondent for an estimated weight.
Will it be given in kilograms or in stones and pounds?
If respondent doesn't know weight use <Ctrl K>.
If respondent isn't willing to give weight use <Ctrl R>.
1. Kilograms
2. Stones and pounds

IF EWtCh = 1 THEN

EWtkg

NURSE: Please record estimated weight in kilograms.
RANGE: 1.0..210.0

END OF FILTER

IF EWtCh = 2 THEN

EWtSt

NURSE: Please record estimated weight.
Enter stones here. (Enter pounds at the next question.)
RANGE: 0..32

EWtL

NURSE: Please record estimated weight.
Enter pounds here.
RANGE: 0..13

END OF FILTER

END OF FILTER

EstWt

Final measured or estimated weight (kg), to be fed into household admin
RANGE: 0.0..999.9

END OF FILTER

IF BFCK=2 THEN

NoWtBdf

I will not take weight or body fat measurements as it is not advisable to use this
equipment with a pacemaker.
Press 1 and Enter to continue.
1. Continue

END OF FILTER

Waist

WHMod

NURSE: Now follows the Waist Circumference Measurement
Press <1>and <Enter> to continue.

1. Continue

WHIntro

I would now like to measure your waist.

NURSE CODE:

1. Respondent agrees to have waist measured
2. Respondent refuses to have waist measured
3. Unable to measure waist for reason other than refusal

IF WHIntro=1 THEN

LOOP UP TO 3 TIMES

{IF difference between first two measurements >3 THEN loop for the third time}

Waist

NURSE: Measure the waist 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'.

RANGE: 10.0..1000.0

[NODK, NORF]

END OF LOOP

END OF FILTER

IF Waist[1] = 999.9 OR Waist[2] = 999.9 THEN

YNoWH

NURSE: Enter reason for not getting both measurements.

1. Both measurements refused
2. Attempted but not obtained
3. Measurement not attempted

END OF FILTER

COMPUTED VARIABLE

RespWH

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

[NODK, NORF]

IF WHIntro=2 THEN RespWH=3

IF WHIntro=3 THEN RespWH=4

IF YNoWH = 1 THEN RespWH = 3

IF YNoWH = 2 THEN RespWH = 4

IF YNoWH = 3 THEN RespWH = 4

IF (Waist[1]<>999.9 AND Waist[1]=RESPONSE) OR (Waist[2]<>999.9 AND Waist[2]=RESPONSE)
THEN RespWH = 1
IF (Waist[1]<> 999.9 AND Waist[2]=RESPONSE) OR (Waist[2]<>999.9 AND Waist[1]=RESPONSE)
THEN RespWH=2

IF RespWH= 2 OR RespWH= 3 OR RespWH= 4 OR YNoWH = 1 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.

1. Respondent is in a wheelchair
2. Respondent is confined to bed
3. Respondent is too stooped
4. Respondent did not understand the procedure
5. Respondent is embarrassed/sensitive about their size
6. No time/busy/already spent enough time on this survey
7. Other (SPECIFY AT NEXT QUESTION)

IF (Other IN WHPNABM) THEN

OthWH

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

STRING[140]

END OF FILTER

END OF FILTER

IF (WAIST[1] <> 999.9 AND WAIST[1]<> EMPTY) OR (WAIST[2] <> 999.9 AND WAIST[2]<> EMPTY) THEN

WJRel

NURSE: Record any problems with waist measurement (include here restrictions from type of clothing worn such as saris or religious/cultural items worn on the body):

1. No problems experienced, reliable waist measurement
2. Problems experienced - waist measurement likely to be reliable
3. Problems experienced - waist measurement likely to be slightly unreliable
4. Problems experienced - waist measurement likely to be unreliable

IF WJRel=2 OR WJRel=3 OR WJRel=4 THEN

ProbWJ

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

1. Increases measurement (e.g. bulky clothing)
2. Decreases measurement (e.g. very tight clothing)
3. Measurement not affected

END OF FILTER

END OF FILTER

COMPUTED VARIABLE

Winch = WAIST / 2.54

IF RespWH=1 or RespWH=2 THEN

WHRes

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

Waist[1]

Winch[1]

Waist[2]

Winch[2]

Press <1> and <Enter> to continue.

1. Continue

END OF FILTER

Blood Pressure

BPMod

NURSE: Now follows the Blood Pressure module.

Press <1> and <Enter> to continue.

1. Continue

BPIntro

I would now like to measure your blood pressure, which tells us a lot about cardiovascular health.

Year 1 text: “(As I mentioned earlier) We would like to measure your 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

BPCnst

NURSE: Does the respondent agree to blood pressure measurement?

1. Yes, agrees
 2. No, refuses
 3. Unable to measure BP for reason other than refusal
- [NODK, NORF]

IF BPCnst=1 THEN

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.

1. Eaten,
2. Smoked,
3. Drunk alcohol
4. Done vigorous exercise
5. None of these

OMRONNo

NURSE: Record blood pressure equipment serial number.

RANGE: 001..999

CufSize

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

Ask the respondent to sit still for five minutes.

READ OUT: 'Before I start the measurement I'd like you to sit quietly and relax for 5 minutes. During that time you shouldn't talk or read and your legs should be uncrossed

with your feet flat on the floor. After the 5 minutes, I will start the monitor. It will automatically take three readings, with a minute between each one. While I am doing these recordings I will not speak to you, and you shouldn't speak to me either. Once I have completed the recordings I will tell you what they are.

I'm just going to record the air temperature whilst we wait.

Record cuff size chosen.

1. Child (15-22 cm)
2. Adult (22-32 cm)
3. Large adult (32-42 cm)

AirTemp

NURSE: Record the ambient air temperature.

Enter the temperature in centigrades to one decimal place.

RANGE: 00.0..40.0

{If drug coding has not yet been completed an option to go to drug coding module appears at this point}

DrCod2

NURSE: To do the drug coding now, press <Ctrl Enter>, select Drugs[^PSeq] with the highlight bar and press <Enter>.

Else, press <1> and <Enter> to continue

1. Continue

BPRReady

NURSE: Once respondent has sat still for 5 minutes you are ready to take the measurements.

Ensure the Ready to measure symbol is lit before pressing the Start button to start the measurements.

Press <1> and <Enter> to continue

1. Continue

LOOP 3 TIMES

Map

Take three measurements from right arm. Enter [first/second/third] reading (mmHg).

If reading not obtained, enter 999.

If you are not going to get any bp readings at all enter "996".

RANGE: 001..999

Pulse[1/2/3]

Enter [first/second/third] pulse reading (bpm).

If reading not obtained, enter 999.

RANGE: 001..999

Sys[1/2/3]

Enter [first/second/third] systolic reading (mmHg).

If reading not obtained, enter 999.

RANGE: 001..999

Dias[1/2/3]

Enter [first/second/third] diastolic reading (mmHg).

If reading not obtained, enter 999.

RANGE: 001..999
END OF LOOP

IF NO FULL READING OBTAINED THEN

YNoBP

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

1. Blood pressure measurement attempted but not obtained
2. Blood pressure measurement not attempted
3. Blood pressure measurement refused

END OF FILTER

COMPUTED VARIABLE

RespBPS

1. Three
2. Two
3. One
4. Tried
5. NoTry
6. Refused

IF [3 full readings obtained] THEN RespBPS=3

IF [2 full readings obtained] THEN RespBPS=2

IF [1 full readings obtained] THEN RespBPS=1

IF YNoBP = 1 THEN RespBPS=4

IF YNoBP = 2 THEN RespBPS=5

IF YNoBP = 3 THEN RespBPS=6

IF BPCnst = 2 THEN RespBPS=6

IF BPCnst = 3 THEN RespBPS=5

IF (RespBPS=2..6) OR BPCnst=2 THEN

NAttBPD

NURSE: Record why ^not_obtained

CODE ALL THAT APPLY.

1. Problems with PC
2. Respondent upset/anxious/nervous
3. Error reading
4. Problems with cuff fitting/painful
5. Problems with equipment (not error reading)
95. Other reason(s) (specify at next question)

END OF FILTER

IF NAttBPD=95 THEN

OthNBP

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

STRING[140]

END OF FILTER

IF RespBPS=1..3 THEN

DifBPC

NURSE: Record any problems taking readings.

CODE ALL THAT APPLY.

1. No problems taking blood pressure
2. Reading taken on left arm because right arm not suitable
3. Respondent was upset/anxious/nervous
4. Problems with cuff fitting/painful
5. Problems with equipment (not error reading)
6. Error reading
95. Other problems (specify at next question)

END OF FILTER

IF DifBPC=95 THEN

OthDifBP

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

STRING[140]

END OF FILTER

COMPUTED VARIABLES

ConRais

0. Not considerably raised
1. Considerably raised

*IF (Sys[1]>179 OR Sys[2]>179) OR (Dias[1]>114 OR Dias[2]>114) THEN ConRais=1 ELSE
ConRais=0*

ModRais

0. Not moderately raised
1. Moderately raised

*IF (Sys[1]=160..179 OR Sys[2]= 160..179) OR (Dias[1]=100..114 OR Dias[2]= 100..114)
THEN MidRais=1 ELSE MidRais=0*

MilRais

0. Not mildly raised
1. Mildly raised

*IF (Sys[1]=140..159 OR Sys[2]= 140..159) OR (Dias[1]=90..99 OR Dias[2]= 90..99) THEN
MidRais=1 ELSE MildRais=0*

NormBP

1. Normal blood pressure

*IF (Sys[1]<140 OR Sys[2] <140) OR (Dias[1] <90 OR Dias[2]<90) THEN NormBP=1 ELSE
NormBP=0*

IF (RespBPS=1..3) THEN

BPOffer

NURSE: Offer blood pressure results to [respondent name]

Systolic	Diastolic	Pulse
Sys[1]	Dias[1]	Pulse[1]
Sys[2]	Dias[2]	Pulse[2]
Sys[3]	Dias[3]	Pulse[3]

Enter these on [respondent name] Measurement Record Card

NURSE: Tick the [considerably raised/moderately raised/mildly raised] box and read out to respondent:

Your blood pressure is high today.

Blood pressure can vary from day to day and throughout the day so that one high reading does not necessarily mean that you suffer from high blood pressure.

You are strongly advised to visit your GP within [5 days/two weeks/two months] to have a further blood pressure reading to see whether this is a one off finding or not.

{If blood pressure is 'considerably raised' the nurse is given a further prompt to contact the survey doctor when they get home.}

Press <1> and <Enter> to continue

1. Continue

END OF FILTER

END OF FILTER

COMPUTED VARIABLE

AvPulse

Derived: average of 2nd and 3rd pulse readings

RANGE: 0..999

[NODK, NORF]

*IF ([Blood Pressure Module-BPRead[2]-Pulse]= 1..900) AND ([Blood Pressure Module-BPRead[3]-Pulse]= 1..900) THEN AvPulse= ([Blood Pressure Module-BPRead[2]-Pulse]+[Blood Pressure Module-BPRead[3]-Pulse])/2
ELSE AvPulse=999*

Grip Strength

GrInt

NURSE: Now follows the Grip Strength module.

Press <1> and <Enter> to continue.

1. Continue

MMGSDom

Now I would like to assess the strength of your hand in a gripping action.

ASK OR CODE: Are you right or left handed?

1. Right handed
2. Left handed

MMGSSta

Can I just check, have you had a recent hand injury or surgery to either hand within the last six months?

NURSE: If yes, do not attempt grip strength measure with affected hand(s). If respondent cannot use hand(s) for this or any other reason, code below.

Record respondent status.

1. Respondent has the use of both hands
2. Respondent is unable to use [Dominant] hand
3. Respondent is unable to use [Non Dominant] hand
4. Respondent is unable to use either hand

IF (MMGSSta = 4) THEN

MMGSStp

NURSE: No handgrip measurement to be taken.

Press <1> and <Enter> to continue with the next section.

1. Continue

END OF FILTER

ELSE

MMGSWil

To take the measurement I will count up to three and then ask you to squeeze this handle as hard as you can, just for two or three seconds and then let go.

NURSE: Demonstrate.

READ OUT: I will take three measurements from each hand, switching hands between each measurement. Are you willing to have your handgrip measured?

1. Yes
2. No
3. Unable to take measurement

IF(MMGSWil = 1) THEN

MMGSInt

NURSE: Position the respondent correctly. Adjust gripometer to hand size by turning the lever and reset arrow at zero. Explain the procedure once again. Show the respondent how to do the test and let [him/her] practice with one hand.

Press <1> and <Enter> to continue.

1. Continue

END OF FILTER

IF MMGSSta=1 OR MMGSSta=2 THEN

MMGSN1

NURSE: [Non dominant] hand, [first] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

IF MMGSSta=1 OR MMGSSta=3 THEN

MMGSD1

NURSE: [Dominant] hand, [first] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

IF MMGSSta=1 OR MMGSSta=2 THEN

MMGSN2

NURSE: [Non dominant] hand, [second] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

IF MMGSSta=1 OR MMGSSta=3 THEN

MMGSD2

NURSE: [Dominant] hand, [second] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

IF MMGSSta=1 OR MMGSSta=2 THEN

MMGSN3

NURSE: [Non dominant] hand, [third] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

IF MMGSSta=1 OR MMGSSta=3 THEN

MMGSD3

NURSE: [Dominant] hand, [third] measurement.

Say: 'One, two, three, squeeze!'

Enter the result to the nearest whole value.

RANGE: 0..100

END OF FILTER

MMGSTP

NURSE: Record respondent's position.

1. Standing without arm support
2. Sitting without arm support
3. Standing with arm support
4. Sitting with arm support

MMGSRes

NURSE CHECK: Code one only.

1. All measures obtained
2. Some measures obtained
3. No measures obtained

IF MMGSRes=1 THEN

MMGSPrX

NURSE: Record any problems taking the grip strength measurement.

Press <Enter> if no problems encountered.

Press <Alt S> to close the text window and save your answer.

OPEN

END OF FILTER

IF MMGSRes=2 OR MMGSRes=3 THEN

MMGSPrB

NURSE: Give reasons why no or only some measures were obtained.

CODE ALL THAT APPLY.

1. Respondent refusal
2. Respondent in pain in hand/joints/muscles
3. Equipment failure
95. Other (specify at next question)

IF MMGSPrB=95 THEN

MMGSPrO

NURSE: Give details of why no or only some measures obtained.

STRING [40]

END OF FILTER

END OF FILTER

END OF FILTER

*IF Medicins.TBMed = No AND BPress.AvPulse < 121 AND IF Region<>
Scotland THEN*

LUNG FUNCTION (England and Wales)

LungMod

NURSE: Now follows the **Lung Function** module

Press <1> and <Enter> to continue.

1. Continue

LungInt

The next part of my visit is a lung function test. This will involve you breathing out as hard and as fast as you can for as long as you can into a tube. Before I explain more about the test, I need to ask you a couple of questions to make sure it is safe for you to do.

Press <1> and <Enter> to continue.

1. Continue

LungSurg

Can I check, have you had abdominal or chest surgery in the past 3 months?

1. Yes
2. No

IF (LungSurg = 2) THEN

LungEye

Do you have detached retina or have you had eye or ear surgery in the past 3 months?

1. Yes
2. No

IF (LungEye = 2) THEN

LungHrt

Have you had a heart attack in the past 3 months?

1. Yes
2. No

IF (LungHrt <> 1) THEN

LungHosp

Have you been admitted to hospital with a heart complaint in the past month?

1. Yes
2. No

END OF FILTER

END OF FILTER

END OF FILTER

COMPUTED VARIABLE

LungEx

Excluded from lung function test?

1. Yes
2. No

*IF (LungSurg =Yes OR LungEye=Yes OR LungHrt=Yes OR LungHosp=Yes) THEN LungEx=Yes
ELSE LungEx=No*

IF LungEx= 1 THEN

NoLungT

NURSE: This respondent is not eligible for a lung function test.

- Explain to the respondent that it will not be safe for them to do the lung function test.

1. Press <1> and <Enter> to continue.

END OF FILTER

IF LungEx= 2 THEN

LungTest

A lung function test tells us how well people's lungs are working. It measures the amount of air you can blow out of your lungs and how fast you can blow the air out.

On it's own this test can't tell me if there are any problems with your lungs so if you have any concerns about your lungs you should talk to your GP. To do the test you will need to blow out into a tube as hard and as fast as you can for as long as you can. To get an accurate test you will need to do more than one blow.

Would you be willing to have your lung function measured?

1. Yes, agrees
2. No, refuses
3. Yes but unable to take lung function measurement for reason other than refusal

IF (LungTest= 2 OR LungTest= 3) THEN

NoAttLF

NURSE: Record why unable to take reading.

CODE ALL THAT APPLY.

0. Problems with PC
1. Respondent is breathless
2. Respondent is unwell
3. Respondent upset/anxious/nervous
4. Nurse concern over respondent safety
5. Equipment / software problems
95. Other reason (PLEASE SPECIFY)

IF NoAttLF=95 THEN

NoAttO

NURSE: Give other reason why the respondent did not attempt / refused lung function test.

STRING[250]

END OF FILTER

END OF FILTER

LungSmok

Can I just check, have you smoked in the last 24 hours? This may have been a cigarette, cigar or pipe.

1. Yes
2. No

IF LungSmok = 1 THEN

LungSmHr

How many hours ago did you last smoke?

NURSE: Code the number of hours. If less than one hour, code 0.

0..24

END OF FILTER

LungInhl

(Can I just check) have you used an inhaler, puffer or any medication for your breathing in the last 24 hours?

1. Yes
2. No

IF LungInhl = 1 THEN

LungInHr

How many hours ago did you last use it?

NURSE: Code the number of hours. If less than one hour, code 0.

RANGE: 0..24

END OF FILTER

LungPrac

NURSE: Launch the spirometry program and Explain the manoeuvre to the respondent.

Point out the following:

Tight seal round the spirette

Breathe in as deeply as possible

Straightaway blast the air out as hard as they can and as fast as they can and keep going for as long as possible

Need a few blows, will guide them through

Demonstrate the blow to the respondent

Give the spirometer to the respondent. Ask them to breath normally.

PRESS <1> AND <Enter> TO LAUNCH THE SPIROMETRY SOFTWARE.

1. Yes
2. No

COMPUTED VARIABLES**HTFVC**

Highest technically satisfactory value for FVC.

RANGE: 0.00..9.96

PRFVC

Predicted value for FVC.

RANGE: 0.00..9.96

PCFVC

FVC as percentage of predicted FVC.

RANGE: 0..100

HTFEV

Highest technically satisfactory value for FEV.

RANGE: 0.00..9.95

PRFEV

Predicted value for FEV.

RANGE: 0.00..9.95

PCFEV

FEV as percentage of predicted FEV.

RANGE: 0..100

HTPEF

Highest technically satisfactory value for PEF.

RANGE: 0..995

PRPEF

Predicted value for PEF.

RANGE: 0..995

PCPEF

PEF as percentage of predicted PEF.

RANGE: 0..100

Quality

Derived: Outcome from lung function software (A - F).

Testing: Enter quality level letter.

STRING[1]

IF (Quality = 'C' OR Quality = 'D' OR Quality = 'F') THEN

QualCDF

Nurse: Code the reason for the session quality for this respondent.

CODE ALL THAT APPLY.

0. Problems with PC
 1. Respondent did not understand manoeuvre
 2. Respondent stopped due to discomfort
 3. Respondent did not wish to continue for reason other than discomfort
 4. Nurse concern over respondent safety
 5. Caused coughing / breathlessness in respondent
 6. Maximum number of blows reached
 7. Equipment/software problems
 95. Other (PLEASE SPECIFY) (95)
- [NODK,NORF]

IF QualCDF = 95) THEN

QualOth

NURSE: Please give other reason.

STRING[250]

END OF FILTER

END OF FILTER

IF (Quality = 'A' OR Quality = 'B') THEN

QualAB

NURSE: Are there any comments which need to be noted about this respondent's lung function test.

1. Yes
2. No

IF QualAB = 1 THEN

QualABot

NURSE: Please note comment about this respondent's spirometry test.

STRING[250]

END OF FILTER

END OF FILTER

IF LungPrac=2 THEN

NullLF

NURSE: Record why you were unable to take any readings.

CODE ALL THAT APPLY.

0. Problems with PC

1. Respondent did not understand manoeuvre

2. Respondent stopped due to discomfort

3. Respondent did not wish to continue for reason other than discomfort

4. Nurse concern over respondent safety

5. Caused coughing / breathlessness in respondent

6. Equipment/software problems

95. Other (PLEASE SPECIFY)

[NODK,NORF]

IF NullLF= 95 THEN

NullFOt

NURSE: Please specify other reason.

STRING[250]

END OF FILTER

END OF FILTER

END OF FILTER

IF Medicins.TBMed = No AND BPress.AvPulse < 121 AND IF Region = Scotland THEN

LUNG FUNCTION (Scotland)

LFInt

NURSE: Now follows the **Lung Function** module.

Press <1> and <Enter> to continue.

1. Continue

HaSurg

Can I check, have you had abdominal or chest surgery in the past three weeks?

1. Yes
2. No

IF (HaSurg = 2) THEN

HaEySurg

Can I check, have you had eye surgery in the past **four** weeks?

1. Yes
2. No

IF (HaEySurg = 2) THEN

HaStro

Have you been admitted to hospital for a heart complaint in the past six weeks?

1. Yes
2. No

IF (HaStro = 2) THEN

ChestInf

In the past three weeks, have you had any respiratory infections such as influenza, pneumonia, bronchitis or a severe cold?

1. Yes
2. No

Inhaler

Can I just check), have you used an inhaler, puffer or any medication for your breathing in the last 24 hours?

1. Yes
2. No

IF (Inhaler = 1) THEN

InHalHrs

How many hours ago did you use it?

NURSE: Enter number of hours. If less than one hour, code 0.

RANGE: 0..24

END OF FILTER

LFIntro1

(As I mentioned earlier). We would like to measure your lung function which will help us to find out more about the health of the population.

1. Press <1> and <Enter> to continue.

END OF FILTER

END OF FILTER

END OF FILTER

IF (HaSurg = 1) OR (HaEySurg = 1) OR (HaStro = 1) THEN

LFCode2

NURSE: No lung function test to be done.

1. Press <1> and <Enter> to continue.

END OF FILTER

IF (HaSurg = 2) AND (HaEySurg <> 1) AND (HaStro <> 1) THEN

LFWill

Would you be willing to have your Lung Function measured?

1. Yes, agrees
2. No, refuses
3. Unable to take lung function measurement for reason other than refusal

IF (LFWill = 1) THEN

SpirNo

NURSE: Enter the three-digit Spirometer serial number.

RANGE: 1..999

[NODK, NORF]

LFTemp

NURSE: Record the ambient air temperature.

Enter the temperature in **centigrades** to one decimal place.

RANGE: 0.0..40.0

LFRec

NURSE:

- Explain the procedure and demonstrate the test.
- Record the results of five blows by the respondent in the boxes below.
- Record each blow as it is carried out.
- For each blow, enter all three measures and code whether the technique was satisfactory.

1. Press <1> and <Enter> to continue.

LOOP UP TO 5 TIMES

FVC

Enter **FVC** reading.

If no reading obtained enter '0'. [If you are not going to obtain any readings at all enter 9.95]

RANGE: 0.00..9.96

IF FVC<9.95 THEN

FEV

Enter **FEV** reading.

If no reading obtained enter '0'.

RANGE: 0.00..9.95

PF

Enter **PF** reading.

If no reading obtained enter '0'.

RANGE: 0..995

CL

NURSE: Now press the clear button on the spirometer.

1. Press <1> and <Enter> to continue.

Technique

Was the technique satisfactory?

1. Yes
2. No

END OF FILTER

END OF LOOP

END OF FILTER

COMPUTED VARIABLES

NoRead

Flag for no LF readings: was the first FVC coded 9.95?

1. Yes
2. No

NoRead=No

IF FVC=9.95 THEN NoRead=Yes

NLSatLF

Satisfactory blows?

1. Yes
2. No

NLSatLF=No

If Technique= Yes NLSatLF=Yes

IF NoRead = 1 THEN

YNoLF

NURSE: Code reason for not taking any LF readings.

1. Lung function measurement attempted, not obtained
2. Lung function measurement not attempted
3. Lung function measurement refused

[NODK, NORF]

END OF FILTER

IF NoRead = 2 THEN

LFStand

NURSE: Were the measurements taken while respondent was standing or sitting?

1. Standing
2. Sitting

LFResp

NURSE CHECK: Code one only.

1. All 5 technically satisfactory blows obtained
2. Some blows, but less than 5 technically satisfactory blows obtained
3. Attempted, but no technically satisfactory blows obtained
4. All blows refused
5. None attempted

IF (LFResp = 2) THEN

ProblF

NURSE: Give reasons why less than 5 blows obtained.

CODE ALL THAT APPLY.

1. Refused to continue
2. Breathlessness
3. Coughing fit
4. Equipment failure
5. Other (SPECIFY AT NEXT QUESTION)

IF ProblF=5 THEN

OthProb

NURSE: Give details of why less than 5 blows obtained.

STRING[40]

END OF FILTER

END OF FILTER

END OF FILTER

IF (LFWill = 2 OR LFWill = 3) OR (LFResp = 3 OR LFResp = 4 OR LFResp = 5) OR (NoRead = 1) THEN

NoAttLF

NURSE: Give reason why lung function measurements were refused, or not attempted, or not obtained.

CODE ONE ONLY.

1. Temperature of house too cold
2. Temperature of house too hot
3. Equipment failure
4. Breathlessness
5. Unwell
6. Other reason why measurements not attempted/refused (SPECIFY AT NEXT QUESTION)

IF NoAttLF = 6 THEN

OthNoAt

NURSE: Give details of why lung function measurements were not attempted/refused.

STRING[40]

END OF FILTER

END OF FILTER

COMPUTED VARIABLES

NCGPLF

IMPUTED: whether or not satisfactory blow.

1. No technically satisfactory blow
2. At least one technically satisfactory blow

IF NLSatLF=No NCGPLF= No technically satisfactory blow

IF NLSatLF = Yes NCGPLF= At least one technically satisfactory blow

HTFVC

Highest technically satisfactory value for FVC.

RANGE: 0.00..9.96

HTFEV

Highest technically satisfactory value for FEV.

RANGE: 0.00..9.95

HTPF

Highest technically satisfactory value for PF.

RANGE: 0..995

IF (LFResp = 1 OR LFResp = 2) THEN

NCIns2

NURSE: Lung function measured.

Offer lung function results to respondent.

Enter their **highest FVC** and **highest FEV** and **highest PF** readings on MRC.

(Complete new record card if required).

Highest readings listed below.

Highest FVC: [HTFVC]

Highest FEV: [HTFEV]

Highest PF: [HTPF]

1. Press <1> and <Enter> to continue.

END OF FILTER

Blood sample

BlIntro

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

Press <1> and <Enter> to continue.

1. Continue

IF (PPAge IN [16..17]) THEN

NCGuard

NURSE CHECK:

1. Respondent lives with parent or person with legal responsibility
2. Does **not** live with parent or person with legal responsibility

[NODK, NORF]

END OF FILTER

ClotB

The next part of my visit is a blood sample. Before I can take blood, I need to ask you a couple of questions and I will then explain what is involved.

May I just check, do you have a clotting or bleeding disorder?

1. Yes
2. No

AntiC

Year 2 only

And are you currently on anti-coagulant drugs such as Warfarin?

NURSE: IF RESPONDENT IS TAKING ASPIRIN TO THIN THE BLOOD CODE NO HERE.

PRESS <F9> TO SEE A HELP SCREEN WITH A FULL LIST OF ANTI-COAGULANTS.

DO NOT TAKE A BLOOD SAMPLE IF RESPONDENT IS TAKING:

Warfarin

Sinthrome (Acenocoumarol)

Phenindione

Pradaxa (Dabigatran Etxilate)

Xarelto (Rivaroxaban)

TAKE A BLOOD SAMPLE IF RESPONDENT IS TAKING:

Aspirin (Caprin; Nu-Seals)

Flamasacard

Clopidogrel (Plavix)

Dipyridamole (Persantin, Persantin Retard, Asasantin Retard)

Prasugrel (Efient)

Eptifibatide (Inteligrin)

Tirofiban (Aggrastat)

PRESS <Esc> TO CLOSE.

1. Yes
2. No

IF (ClotB = 2) THEN

Fit

May I just check, have you had a fit (including epileptic fit, convulsion) in the last five years?

1. Yes
2. No

END OF FILTER

IF (Fit = 2) THEN

BSWill

NURSE: Explain purpose and procedure for taking blood.

Would you be willing to have a blood sample taken?

1. Yes
2. No
3. Respondent unable to give blood sample for reason other than refusal (Please specify)

[NODK, NORF]

IF BSWill = 2 THEN

RefBSC

NURSE: Record why blood sample refused.

CODE ALL THAT APPLY.

1. Previous difficulties with venepuncture
2. Dislike/fear of needles
3. Respondent recently had blood test/health check
4. Refused because of current illness
5. Worried about HIV or AIDS
6. Not receiving feedback on results
7. No information about what blood will be tested for
95. Other (**specify at next question**)

IF RefBSC=95 THEN

OthRefBS

NURSE: Give full details of other reason(s) for refusing blood sample.

STRING[135]

END OF FILTER

END OF FILTER

IF BSWill = 3 THEN

BINotOb

NURSE: Give full details of reason(s) why blood sample not obtained.

STRING[120]

END OF FILTER

IF BSWill = 1 THEN

BSConsC

NURSE: Explain need for written consent.

Before I can take any blood, I have to obtain written consent from you.

1. Press <1> and <Enter> to continue.

BSCons

NURSE:

- Ask the ^respondent to read and complete point number one in the 'Blood Sample Consent' section of the **yellow** consent booklet.

- Circle consent code **01** on page 2 of the Consent Booklet.

1. Press <1> and <Enter> to continue.

ConStorB

ASK RESPONDENT: May we have your consent to store the blood sample for future analysis?

IF NECESSARY:

Your blood will not be analysed immediately but will be available for scientific research in the future.

- Any analysis will have to be approved by an independent committee.
- The stored blood will **not** be available for commercial purposes.
- The blood will be stored at a secure storage facility; your name and address will not be attached to the sample.

1. Storage consent given
2. Consent refused

[NODK, NORF]

IF(ConStorB= 1 THEN

ConStor3

NURSE:

- Ask the respondent to read and complete point number two in the 'Blood Sample Consent' section of the **yellow** consent booklet.

- Circle consent code **03** on page 2 of the Consent Booklet.

1. Press <1> and <Enter> to continue.

ConDNA

ASK RESPONDENT: May we have your consent to take a sample of your DNA from your blood, to be stored and used in scientific research?

1. DNA consent given
2. Consent refused

[NODK, NORF]

IF ConDNA = 1 THEN

ConDNA5

NURSE:

- Ask the respondent to read and complete point number three in the 'Blood Sample Consent' section of the **yellow** consent booklet.

- Circle consent code **05** on page 2 of the Consent Booklet.

1. Press <1> and <Enter> to continue.

END OF FILTER

IF ConDNA = 2 THEN

ConDNA6

NURSE: Circle consent code **06** on page 2 of the **yellow** Consent Booklet.

1. Press <1> and <Enter> to continue.

END OF FILTER

TakeSam

NURSE:

- Check you have all applicable signatures.

- Take blood samples:

- 1 Plain (red) tube
- 1 citrate (blue) tube
- [2/3] EDTA (purple) tubes

[Note: only 4 tubes required for this respondent.]

- Write the serial number and date of birth onto the **yellow** label using a biro (one label per tube):

- Serial number: [serialno+checkletter+personno]
- Date of birth: [ddmmyyyy]

- Ask the respondent their date of birth again and check it is the same.

- Stick the **yellow** label over the label which is already on the tube.

Press <1> and <Enter> to continue.

1. Continue

SampF1

NURSE: Code if the plain **red** tube was filled (include partially filled tube).

1. Yes
2. No

[NODK, NORF]

SampF2

NURSE: Code if the citrate **blue** tube was filled (include partially filled tube).

1. Yes
2. No

[NODK, NORF]

SampF3

NURSE: Code if the **first** EDTA **purple** tube was filled (include partially filled tube).

1. Yes
2. No

[NODK, NORF]

SampF4

NURSE: Code if the **second** EDTA **purple** tube was filled (include partially filled tube).

1. Yes
2. No

[NODK, NORF]

IF (ConDNA = 1) THEN

SampF5

NURSE: Code if the **third** EDTA **purple** tube was filled (include partially filled tube).

1. Yes
2. No

[NODK, NORF]

END OF FILTER

COMPUTED VARIABLE

SampTak

Blood sample outcome

1. Blood sample obtained
2. No blood sample obtained

SampTak= No

IF (SampF1 = Yes) OR (SampF2 = Yes) OR (SampF3 = Yes) OR (SampF4 = Yes) OR (SampF5 = Yes)

THEN

SampTak= Yes

IF SampTak = 1 THEN

SampArm

NURSE: Code from which arm the blood was taken.

1. Right
2. Left
3. Both

[NODK, NORF]

SamDifC

NURSE: Record any problems in taking blood sample.

CODE ALL THAT APPLY.

1. No problem
2. Incomplete sample
3. Collapsing/poor veins
4. Second attempt necessary
5. Some blood obtained, but respondent felt faint/fainted
6. Unable to use tourniquet
95. Other (**specify at next question**)

IF SamDifC = 95 THEN

OthBDif

NURSE: Give full details of other problem(s) in taking blood sample.

STRING[140]

END OF FILTER

END OF FILTER

IF SampTak = 2 THEN

NoBSM

NURSE: Code reason(s) no blood obtained.

CODE ALL THAT APPLY.

1. No suitable or no palpable vein/collapsed veins
2. Respondent was too anxious/nervous
3. Respondent felt faint/fainted
95. Other (**specify at next question**)

IF NoBSM = 95 THEN

OthNoBSM

NURSE: Give full details of reason(s) no blood obtained.

STRING[140]

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

*IF ClotB=1 OR ClotB = NONRESPONSE OR Fit = 1 OR Fit = NONRESPONSE OR CBSConst = 2 OR
(BSWill = 2 OR BSWil != 3) THEN*

NoCodes

NURSE: No blood to be taken.

Circle consent codes 02, 04 and 06 on page 2 of the Consent Booklet.

Write the serial number and date of birth onto the yellow Consent Booklet:

Serial number: [respondent serial number]

Date of birth: [respondent DoB]

Press <1> and <Enter> to continue.

1. Continue

END OF FILTER

IF ConStorB = 2 THEN

NoCodesB

NURSE: No blood to be taken.

EXPLAIN: We are not planning to carry out analysis on the blood sample immediately, and so storage of your blood sample would be necessary. Therefore I will not take a blood sample today.

NURSE: Circle consent code 04 and 06 on page 2 of the Consent Booklet.

Write the serial number and date of birth onto the yellow Consent Booklet:

Serial number: [respondent serial number]

Date of birth: [respondent DoB]

Press <1> and <Enter> to continue.

1. Continue

END OF FILTER

IF Blood.TakeSam = 1 THEN

Venepuncture Checks

VpSys

NURSE: Which system did you use to take blood?

1. Vacutainer needle
2. Butterfly needle

VpHand

NURSE: Was the respondent left handed or right handed?

1. Left handed
2. Right handed

VpArm

NURSE: Which arm did you use to take blood?

1. Right arm
2. Left arm
3. Both

VpSkin

NURSE: Code the skin condition of the arm used.

Skin intact

Skin not intact

VpAlco

NURSE: Did you use an alcohol wipe?

1. Yes
2. No

VpSam

NURSE: Code the number of attempts made to take blood.

1. Sample taken on first attempt
2. Sample taken on second attempt
3. Both attempts failed
4. First attempt failed, did not make second attempt

VPPress

NURSE: Code who applied pressure to the puncture site.

CODE ALL THAT APPLY.

1. Nurse
2. Respondent
3. Partner or spouse

VpSens

NURSE: Was the respondent sensitive to the tape or plaster?

1. Sensitive to tape/plaster
2. **Not** sensitive to tape/plaster
3. (Did not check)

VpProb

NURSE:

Was there any abnormality noted after 5 minutes?

(Please remember to recheck the site after completion of the blood sample module.)

CODE ALL THAT APPLY.

1. Sensory deficit
 2. Haematoma
 3. Swelling
 95. Other (describe at next question)
 96. None
- [NODK, NORF]

*IF (VpProb= 95) THEN***VpOther**

NURSE: Record the details of the other abnormality fully.

STRING[135]

*END OF FILTER**IF (VpProb<> 96) THEN***VpDetail**

NURSE: You have coded that an abnormality was noted after 5 minutes.

Please record the action you took when you noticed this abnormality on the office despatch note.

There is space provided on the inside front cover of the adult consent booklet for you to write up these details fully.

1. Press <1> and <Enter> to continue.

*END OF FILTER***VpCheck**

NURSE: Did you re-check the puncture site after completion of the blood sample module?

1. Yes, site was re-checked
2. No, site was not re-checked

VpSTime

Time of answering VpProb

:TIMETYPE

VpSDate

Date of answering VpProb

:DATETYPE

AllCheck

Check before leaving the respondent:

You have all applicable signatures in the consent booklet

The respondent has the relevant carbon copies of the consent form(s)

That you have packed your sharps box

Year 1 text: "Check before leaving the respondent: The Respondent has the relevant copy from the consent booklet. That all details are completed on front of the Consent Booklet, and that their surname has been recorded and spelt correctly. All necessary sections of the consent booklet have been initialed and that the respondent has printed their name, signed and dated the consent booklet. That there (are/is) (one/two/three) appropriate consent codes ringed on page 2 of the Consent Booklet."

Press <1> and <Enter> to confirm that the interview is complete.

1. Continue

[NODK, NORF]

IF(Info=1 OR Refinfo=1) AND (NCPregJ=2) THEN

Thank

NURSE: PLEASE ENSURE YOU HAVE GIVEN RESPONDENT THE PROMISSORY NOTE FOR THEIR £10 VOUCHER

Thank respondent for [his/her] co-operation.

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

1. Continue

[NODK, NORF]

END OF FILTER

{TIMINGS}

StrtTime

Starttime for: [module name/start of schedule/total length]

Just press <Enter>.

TIMETYPE

Elapsed

Timing for: [module name/start of schedule/total length]

Just press <Enter>.

RANGE: 0.00..1440.00

Admin

HOUSEHOLD LEVEL

NChoice

NURSE: Do you now want to...

1. ..return to the main menu,
5. or, complete the admin details and prepare for return to Head Office?

NURSE: Do not select code 5 until you are sure you wish to send the schedule to head office.

PERSON LEVEL

NurOutc

NURSE: Final outcome code.

If already entered, just press <Enter>.

If not correct, please change at it the end of the Nurse Schedule [x].

11. Nurse visit conducted - blood sample sent to lab
12. Nurse visit conducted - no blood sample to lab
31. Individual has left household
32. Contact made at household but not with this respondent
41. Refusal by person at appointment booking stage
42. Refusal by person at visit stage
43. Office refusal
44. Proxy refusal
45. Broken appointment, no further contact
46. Ill at home/in hospital/away during f/w period (until Mar 2011)
51. Physically / mentally unable
61. Other unproductive
71. Respondent is pregnant
72. Respondent has died
81. Whole household unproductive (refusal/no contact/moved/not covered)

IF NurOutc=41 OR NurOutc=42 THEN

ReaRef

NURSE: Enter reason for refusal...

1. Cannot/won't find time
2. Feels done enough already
3. Recently had health check/GP knows health
4. Had enough of medical profession
5. Doesn't want to know results/tempt fate
6. Frightened of procedures
7. Other

END OF FILTER

IF (NurOutc=11 OR NurOutc=12) AND FName=EMPTY THEN

NFirst

NURSE: Please enter the **first name** of the respondent.

STRING[20]

END OF FILTER

IF (NurOutc=11 OR NurOutc=12) AND SName=EMPTY THEN

NSurn

NURSE: Please enter the **surname** of the respondent.

STRING[20]

END OF FILTER

NRFAdd

NURSE: Was this interview conducted at the address that is printed on the NRF?

[Address[1]]

[Address[2]]

[Address[3]]

[Address[4]]

[Address[5]]

[Postcode]

1. Yes

2. No

[NODK, NORF]

IF NRFAdd = No THEN

NewAdd1

NURSE: Enter first line of the address. Use initial capitals.

STRING[40]

[NODK, NORF]

NewAdd2

NURSE: Enter second line of the address. Use initial capitals.

If no second line, just press <Enter>.

STRING[40]

NewAdd3

NURSE: Enter third line the address. Use initial capitals.

If no third line, just press <Enter>.

STRING[40]

NewAdd4

NURSE: Enter fourth line of the address. Use initial capitals.

If no third line, just press <Enter>.

STRING[40]

NewAdd5

NURSE: Enter fifth line of the address. Use initial capitals.

If no fifth line, just press <Enter>.

STRING[40]

NewAddPC

NURSE: Enter postcode of the address, if known.

Use capital letters and leave a space between the two parts of the postcode, eg 'TY12 8QQ'.

If postcode not known, use <Ctrl K>

STRING[8]

[NORF]

NewTel

NURSE: Enter new telephone number.
If no new number obtained, just press <Enter>.

STRING[15]

END OF FILTER

IF Page=16 OR Page=17 THEN

NPTitle

NURSE: Enter full name of respondent's parent/guardian.

First code **title** (Mr, Mrs, Miss or Ms).

If already entered: please double check.

Press <Enter> if correct, or type over to amend.

1. Mr
2. Mrs
3. Miss
4. Ms

NPFirst

NURSE: Now enter **first name** of parent/guardian, using initial capitals (eg 'John', not 'john').

If already entered: please double check.

Press <Enter> if correct, or type over to amend.

STRING[20]

NPSurn

NURSE: Now enter **surname** of parent/guardian, using initial capitals (eg 'Smith', not 'smith').

If already entered: please double check.

Press <Enter> if correct, or type over to amend.

STRING[20]

END OF FILTER

IF (NurOutc=31) THEN

SpltAdOb

NURSE: Were you able to obtain an address for this person?

1. Yes
2. No

[NODK, NORF]

IF (SpltAdOb = Yes) THEN

SpltAdd1

NURSE: Enter first line of the address. Use initial capitals.

STRING[40]

[NODK, NORF]

SpltAdd2

NURSE: Enter second line of the address. Use initial capitals.

If no second line, just press <Enter>.

STRING[40]

SpltAdd3

NURSE: Enter third line the address. Use initial capitals.

If no third line, just press <Enter>.

STRING[40]

SpltAdd4

NURSE: Enter fourth line of the address. Use initial capitals.

If no fourth line, just press <Enter>.

STRING[40]

SpltAdd5

NURSE: Enter fifth line of the address. Use initial capitals.

If no fifth line, just press <Enter>.

STRING[40]

SpltAdPC

NURSE: Enter postcode of the address, if known.

Use capital letters and leave a space between the two parts of the postcode, eg 'TY12 8QQ'.

If postcode not known, use <Ctrl K>

STRING[8]

[NORF]

SpltTel

NURSE: Enter new telephone number.

If no new number obtained, just press <Enter>.

STRING[15]

END OF FILTER

END OF FILTER

IF Blood Pressure = 'Considerably Raised' (systolic>179 OR diastolic>114)

BPRaise

NURSE: Please contact survey doctor Ian Forde on 020 7679 5627 or 07974 228120 and leave the following information:

Interview conducted for Understanding Society on [nurse visit date]. Considerably raised blood pressure measured for:

[respondent sex] aged [respondent age]

Systolic: [lowest of the final two systolic readings]

Diastolic: [lowest of the final two diastolic readings]

[Title] [First name] [Surname]

Respondent contact numbers(s): [phone number/s]

The office will send a letter to the respondent advising them to contact their GP

NURSE: Enter the date when you contacted survey doctor.

: DATETYPE

END OF FILTER

HOUSEHOLD LEVEL

COMPUTED VARIABLE

NumSched

Number of completed Nurse schedules.

RANG: 0..12

IF NumSched = 0 THEN

Outcome

NURSE: You haven't completed any Nurse Schedules for this questionnaire.

Please enter a summary outcome code:

- 91. All eligible respondents are pregnant
- 93. No contact with anyone in household
- 94. Whole household refusal
- 95. Not covered (ran out of time, past end of field work, told to clear out)
- 96. Whole household moved out of area, follow-up address given
- 97. Whole household moved, no follow-up address
- 98. Unable to locate address (after phoning resp.)
- 99. Office refusal

RANGE: 91..99

[NODK, NORF]

END OF FILTER

IF (Outcome = 94) THEN

HHRefres

NURSE:

What was the reason for household refusal?

Code main reason only.

- 1. Cannot/won't find time
- 2. Feels done enough already
- 3. Recently had health check/GP knows health
- 4. Had enough of medical profession
- 5. Doesn't want to know results/tempt fate
- 6. Frightened of procedures
- 7. Other

IF (HHRefRes = 7) THEN

HHRfOth

NURSE: What was the other reason for household refusal?

STRING[100]

END OF FILTER

END OF FILTER

IF (Outcome = 96) THEN

MovAdd1

NURSE:

Enter first line of the new address. Use initial capitals.

STRING[40]

[NORF]

MovAdd2

NURSE:

Enter second line of the new address. Use initial capitals.

If no second line, just press <Enter>.

STRING[40]

MovAdd3

NURSE:

Enter third line the new address. Use initial capitals.

If no third line, just press <Enter>.

STRING[40]

MovAdd4

NURSE:

Enter fourth line of the new address. Use initial capitals.

If no fourth line, just press <Enter>.

STRING[40]

MovAdd5

NURSE:

Enter fifth line of the new address. Use initial capitals.

If no third line, just press <Enter>.

STRING[40]

MovAddPC

NURSE: Enter postcode of the new address, if known.

Use capital letters and leave a space between the two parts of the postcode, eg 'TY12 8QQ'.

If postcode not known, use <Ctrl K>

STRING[8]

[NORF]

MovTel

NURSE:

Enter new telephone number.

If no new number obtained, just press <Enter>.

STRING[15]

END OF FILTER

SupFlag

NURSE: Have you been accompanied by a supervisor for any work at this household?

1. Yes
2. No

SchDone

NURSE: Have you finished this questionnaire?

Code 1 (Yes) signals that this questionnaire is ready for return to the Head Office.

1. Yes
2. No

NDone

NURSE: That completes the Admin details.

Press <Enter> to leave the questionnaire.