Enrollment
Form SITE

(1) Is participant willing to complete the MrOS Sleep Study?

A. Screening Questions (If 'yes' to one of the following questions, participant is not eligible for MrOS Sleep Visit):
a. In the past three months, have you slept with a pressure $\circ$ Yes ${ }^{\text {VSCPAP }}$ No mask ("CPAP" or "BiPAP") for sleep apnea?
b. In the past three months, have you slept with a mouthpiece for snoring or sleep apnea?

VSMPIECE

- Yes o No

VSOPENTR
c. Do you have an open tracheostomy?
d. In the past three months, have you usually used oxygen therapy (oxygen delivered by a mask or nasal cannula)

- Yes O No during your sleep?
B. Did participant complete the MrOS Sleep visit? ○ Yes ○ Refused o Not eligible

S1FUTIME SDFUTIME SIFUTIME

## VSPSG VSPSGRSN

a. Date of visit:

Month


VSDATE
b. Type of visit: O Clinic O Home
c. Will participant complete PSG? ○ Yes ○ No
d. Who completed the SAQ? VSSLSAQ
$\Phi$ Participant 20 Spouse 30 Other family 40 Other $\qquad$

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Mcrostic

| MrOS ID\# |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |$|$|  |  |
| :--- | :--- |

(1) On most nights, how many hours do you sleep each night?
hours
SLRESTED
2 How many hours of sleep do you need each night to feel rested? (Please answer to the nearest hour.)
o Yes
SLNAP

3 Do you take naps regularly?
$\downarrow$
a. How many days per week do you usually nap?
b. On average, how many hours do you nap each time?

4 How likely are you to doze off or fall asleep in the following situations, in contrast to feeling just tired? This refers to your usual way of life in recent times. Even if you have not done some of these things recently try to think about out how they would have affected you. Give the most appropriate response for each situation.

| $\begin{aligned} & \text { EPEPWORT } \\ & \text { EPEDS } \end{aligned}$ | Would Never Doze |  | Slight <br> Chance <br> of Dozing | Moderate <br> Chance of Dozing | High Chance of Dozing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a. Sitting and reading | EPREAD 0 | 0 | 01 | 02 | O3 |
| b. Watching TV | EPTV ○ | 0 | O1 | O2 | -3 |
| c. Sitting inactive in a public place (e.g. a theater or a meeting) EPPUB |  | 0 | 01 | O2 | O3 |
| d. As a passenger in a car for an hour without a break | EPCAR 0 | 0 | 01 | Q2 | $\bigcirc$ |
| e. Lying down to rest in the afternoon when circumstances permit EPREST ${ }^{\circ}$ |  | 0 | 01 | $\mathrm{O}^{2}$ | $\mathrm{O}^{3}$ |
| f. Sitting and talking to someoneEPTALKo |  | 0 | 01 | $\bigcirc$ | $\bigcirc$ |
| g. Sitting quietly after a lunch without alcohol | EPEAT ○ | 0 | 01 | Q2 | © |
| h. In a car, while stopped for a few minutes in traffic |  | 0 | $\bigcirc 1$ | $\bigcirc 2$ | $\bigcirc 3$ |


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\hline
\end{tabular}         |
| :--- |

The following questions are about how well you are able to do certain activities, by yourself and without using any special aids.
(5) Do you have ANY difficulty walking 2 or $\mathbf{3}$ blocks outside on level ground?


How much difficulty do you have doing this? P Some difficulty 2 Much difficulty $\mathcal{P}$ Unable to do it

(6)Do you have ANY difficulty climbing up 10 steps without resting?

(8)Do you have ANY difficulty doing heavy housework, like scrubbing floors or washing windows?


How much difficulty do you have doing this? P Some difficulty $\mathbb{D}$ Much difficulty $\mathfrak{P}$ Unable to do it


QLHHW1 QLHHW2
QLRHHW1 or physical problem?


QLHHWPRB © Yes © No 80 I don't know
(9)Do you have ANY difficulty doing your own shopping for groceries or clothes?


How much difficulty do you have doing this? TO Some difficulty 20 Much difficulty 30 Unable to do it

Is this because of a health or physical problem? QLSHPPRB あ Yes 6 No 8 I don't know

Introduction: 'Are you comfortable? I would like to ask you a few questions that require concentration and memory. Some are a little bit more difficult than others. Some questions will be asked more than once."
 What time was the MiniMental test administered (start time)?


O AM. O PM.
(1)
A. When were you born?


Month

B. Where were you born? Place of Birth?

Answer Cant do/ Not given* Refused attempted $0 \quad 0 \quad 0$
City or town
$\overline{\text { State/Country }} 0$

* If answer is given, you wiI ask again in questions \#18

I am going to say three words for you to remember. Repeat them after I have said all three words:
Ball, Tree, Flag

Do not repeat the words for the participant until after the first trial. The participant may give the words in any order. If there are errors on the first trial, repeat the items up to six times until they are learned.

$$
\begin{array}{lll}
\text { Correct } & \text { Error/ } & \text { Not } \\
& \text { Refused } & \text { attempted }
\end{array}
$$

A. Ball
B. Tree
○

| 0 | 0 |
| :--- | :--- |
| 0 | 0 |
| 0 | 0 |

C. Flag
0
0
D. Number of presentations necessary for the participant to repeat the sequence

(3) A. I would like you to count from 1 to 5 .

O $\begin{aligned} & \text { Able to count } \\ & \text { forward }\end{aligned}$

> O Unable to count forward
> Say "1,2,3,4,5"
B. Now I would like you to count backwards from 5 to 1 .
$\square$


Record the response in the order given. Enter 99999 if no response.
(4) A. Spell 'world'.

O Able to spell

B. Now spell world backwards
$\square$

$\square$


Record the response in the order given. Enter XXXXX if no response.

## SEE PAGE 7 FOR SCORING VARIABLES



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5 What three words did I ask you to remember?

|  | O Spontaneous recall |
| :--- | :--- |
| A. Ball | O Correct word, incorrect form |
|  | O After 'A toy.' |
|  | O After 'ball, doll, block.' |
|  | O Nnable to recall/refused attempted |


|  | O Spontaneous recall |
| :---: | :--- |
| B. Tree | O Correct word, incorrect form |
|  | O After 'A plant.' |
|  | O After 'tree, flower, bush' |
|  | O Unable to recall/refused |
|  | O Not attempted |


|  | O Spontaneous recall |
| :---: | :--- |
| C. Flag | O Correct word, incorrect form |
|  | O After 'Hangs on a pole.' 'flag, banner, sign.' |
|  | O Unable to recall/refused |
|  | O Not attempted |

(6)
A. What is today's date?


Month


Day

B. What is the day of the week?

O Correct
O Error/Refused $\qquad$ day of the
O Not attempted week
C. What season of the year is it?

O Correct
O Error/Refused $\qquad$ season
O Not attempted
(7) A. What state are we in?

O Correct
O Error/Refused state

O Not attempted

## B. What county are we in?

O Correct
O Error/Refused county

O Not attempted
C. What city/town are we in?

O Correct
O Error/Refused city/town
O Not attempted
D. Are we in a clinic, store, or home?

O Correct
O Error/Refused $\qquad$
O Not attempted


8 Point to the object or part of your own body and ask the participant to name it. Score 'Error/Refused' if the participant cannot name it within 2 seconds or gives an incorrect name.

| Correct | Error/ Not <br> Refused attempted |
| :--- | :--- | :--- |

A. Pencil: 'What is this?'
B. Watch: 'What is this?'
C. Forehead: 'What do you call this part of the face?'
D. Chin: 'And this part?'
E. Shoulder: 'And this part of the body?'
F. Elbow: 'And this part?' $\quad \bigcirc \quad \bigcirc \quad \bigcirc$
G. Knuckle: 'And this part?' ○ $\quad$ ○
(9) What animals have four legs? Tell me as many as you can.
Discontinue after 30 seconds. If the participant gives no reponse in 10 secs and there are at least 10 secs remaining, gently remind them (once only): 'What (other) animals have four legs?'. The first time an incorrect answer is provide, say 'I want four-legged animals.' Do not correct for subsequent errors.

Score (total correct responses)


Record correct responses:


Record additional correct answers on a separate sheet

10
A. In what way are an arm and a leg alike?

O Limbs, extremities, appendages
O Lesser correct answer
(e.g., body parts, both bend, have joints)
O Error/Refused
O Not attempted
B. In what way are laughing and crying alike?

O Expressions of feelings, emotions
O Lesser correct answer
(e.g., sounds, expressions, or other similar responses)
O Error/Refused
O Not attempted
C. In what way are eating and sleeping alike?

O Necessary bodily functions, essential for life
O Lesser correct answer (e.g., bodily functions, relaxing, 'good for you' or other similar responses)
O Error/Refused
O Not attempted

## 11

Repeat what I say: 'I would like to go out.'
O Correct
O 1 or 2 words missed
O 3 or more words missed
O Not attempted

Teng
Mini-Mental


12 Now repeat: 'No ifs, ands or buts.'

## Correct Error/ Not Refused attempted

A. no ifs
0
0
0
B. ands
0
0
0
C. or buts
0
O
0

## 13 Hold up Card \#1 and say: 'Please do this.'

If participant does not close their eyes within 5 secs, prompt by pointing to the card and saying 'Read and do what this says.'

O Closes eyes without prompting
o Closes eyes after prompting
O Reads aloud, but does not close eyes
o Does not read aloud or close eyes/Refused
O Not attempted
(14) Please write the following sentence: I would like to go out.

Correct Error/ Not Refused attempted
A. would
0
0
B. like
0
0
0
0
○
○
C. to
D. go
E. out

Which hand does the participant use to write? If task not done, ask if they are right or left handed.
1 O Right 20 Left
3 O Unknown

## C. Intersection

O 4-cornered enclosure
O Not a 4-cornered enclosure
O No enclosure, Refused
O Not attempted, Disabled


(16) Refer to Question 14 to check whether the participant is right or left-handed.
Take this paper with your left hand (right for left-handed person), fold it in half using both hands, and hand it back to me.

Correct Error/ Not Refused attempted
A. Takes paper in correct hand

0

0
0
0 half
C. Hands paper back
(17) What three words did I ask you to remember earlier?

O Spontaneous recall
O Correct word, incorrect form
A. Ball

O After 'A toy.'
O After 'ball, doll, block'
O Unable to recall/refused
O Not attempted

|  | O Spontaneous recall |
| :---: | :--- |
| B. Tree | O Correct word, incorrect form |
|  | $\circ$ After 'A plant.' |
|  | $\circ$ After 'tree, flower, bush.' |
|  | $\circ$ Unable to recall/refused |
|  | O Not attempted |


|  | O Spontaneous recall |
| :---: | :--- |
| C. Flag | O Correct word, incorrect form |
|  | O After 'Hangs on a pole.' |
|  | O Unable to recall/refused banner, sign' |
|  | O Not attempted |

(18) Would you please tell me again where you
were born?

|  | Does not <br> match/ | Not <br> attempted |
| :--- | :--- | :--- |
| Matches | Refused |  |

City or town

State/Country

19 Please indicate if the participant has any physical/functional disabilities or other problems which made it difficult or impossible to complete any of the tasks above. Check all that apply.

O Vision
TMDIFFVI
O Hearing
TMDIFFHE
O Writing problems due to injury or illness
O literacy/Lack of education
O Language
O Other: $\qquad$

TMDIFFIL TMDIFFLA TMDIFFOT
TMDIFFWR

> TMMFLAG TMBDAY TMREGIS TMREVERS TMRECALL TMTEMPOR TMSPACE TMNAMING TM4LEG TMMSCORE

## TMM1SSCR



Draft

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MoOS ID\# Acrostic Trails B Staff ID\#

(1) Was the participant able to complete the Sample Response Sheet?


## TBSAMP

Why not? 1 b Unable due to physical problems (hand tremor, cast, etc.)
2 Participant did not understand directions
3 Other
4P Participant Refused
(2) What time was the Trails B test administered (start time)?


O AM.
TBTIMEM
PpM.
(3) Number of circles connected (maximu m=25):
 made by participant:

(4) Is the hand being used to complete Trails B the participant's usual or dominant hand for writing?

TBAFFECT

- Yes O No
(5) Are there any peripheral injuries (e.g., crushed or missing fingers, broken bones in the hand) or other things that have occurred in the participant's life history that would adversely affect their ability to do the test?
(6) Did the participant have a hand tremor (dominant hand)?

00 No 10 Mild 2 Marked TBTREM

## Digit Vigilance Test

$\square$

NOTE: If both pages completed record TOTAL time and errors.(1) Did participant complete the sample vigilance test?
(2) Did participant complete page 1 in <400 seconds ( 6 minutes 40 seconds)?

DVTMSCOR
DVTIME
(3) Total Time: $\square$ seconds
(4) Omission Errors:


O Yes $\mathrm{ONo} \longrightarrow$ DVVIGIL DVVIGPG1
O Yes O No

If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.


10 Unable
20 Did not understand directions
3 Other

## Why not?



## HWHEIGHT

(1) Was STANDING HEIGHT measured?
a. Is the participant standing sideways due to kyphosis? - Yes o NoHWKYPH

b. Do Measurement 1 and Measurement 2 differ by 4 or more mm? $\circ$ Yes $\circ$ No HWGT4


HWWEIGHT
(2) Was WEIGHT measured?

| HWBMII |
| :--- |
| HW1SBMI |
| HWDSBMII |



HWCIRCUM
(3) Were the circumference measurements taken?


Round up to the nearest 0.1 cm .
HWNECK
a. Neck

## HWWAIS

b. Waist

## WHIP

c. Hip


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| :--- |
|       |

## Exclusion Criteria:

1 Has any pain or arthritis in your hands gotten worse recently?


2 Have you had any surgery on your hands or wrists in the past 3 months (12 weeks)?


3


O Refused
O Unable, did not attempt

Trial 2
 kg
o Refused
O Unable, did not attempt

## GSGRPRAV


 kg

O Refused
O Unable, did not attempt

GSGRPAVG GSGRPMAX GS1SAVGS GSDSA VGS GS1SGSPC GSDSGSPC

## INTRODUCTION/SCREENING QUESTIONS

1 Ask the participant: Do you use any walking aids, such as a cane? NFAIDS 1 O No aids 20 Cane or quad cane 30 Walker, wheelchair, leg brace, crutches

2 Does the participant have any of the following? If you are uncertain about one of following conditions, ask the NFOR participant. (Mark all that apply)


NFLIMB
NFPROTHE
NFPARALY
POrthosis
Q Missing limbs
P Prosthesis
9 Paralysis of extremity or side of body
3 Ask the participant: Do you have any problems from recent surgery, injury or other health conditions that might prevent you from standing straight up from a chair or walking quickly?

| NFPROB |
| :--- | :--- |
| O Yes <br> O No$\longrightarrow$Tell the participant: "Before we do each test, I'll describe it to <br> you. Please tell me if you think that you shouldn't attempt the <br> test because of the problems you described." |

## SINGLE CHAIR STAND

4 Could the participant stand up one time unassisted? NFSTAND1
10 Yes 00 No, unable to stand $\quad 30$ No, rises using arms



7 O Did not attempt/Refused


Do NOT perform Repeat Chair Stands. Go on to Six Meter Usual Pace

## REPEATED CHAIR STANDS

5 Did the participant complete all 5 stands?

|  | O Yes |  |
| :---: | :---: | :---: |
| Time to complete stands? | NFTM, E5 | seconds |
| Record arm use: O Did not use arms |  |  |
| $20 \begin{aligned} & \text { Used arms part } \\ & \text { of the time }\end{aligned}$3 O$\begin{aligned} & \text { Used arms all } \\ & \text { of the time }\end{aligned}$ |  |  |

NFARMU5A
NFTIME5A
NF5STAND
O No


Why weren't 5 chair stands completed?
40 Attempted, but unable to stand once without help 50 Completed at least 1 stand, but unable to complete 5 without help
70 Did not attempt/refused
NFARMU5B

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| :--- |
|  Staff ID\#     <br>       |

## SIX METER USUAL PACE



## 20 cm NARROW WALK

3 Did the participant successfully stay within the lines on Trial 1 (have 2 or less deviations)?


## Perform trial 3 only if trial 1 or trial 2 were marked 'No, 3 or more deviations/Unable to complete'

5 Did the participant successfully stay within the lines on Trial 3 (have 2 or less deviations)? 10 Yes 00 No, 3 or more deviations/Unable to complete 20 No, trial not attempted NFNWKNA3

Record time:


|  | NFNWLKA3 |  |
| :---: | :---: | :---: |
|  | Aid used: | 00 No aid |
| seconds | D Straight cane | 4O Crutch |
|  | D Quad cane | 30 Walker |

Blood Pressure \& ECG

## BLOOD PRESSURE

(1) Was first sitting blood pressure obtained? SITTING MEASUREMENT 1

Systolic
 mmHg



- No BPBP

Diastolic
$B P B P D / A \quad \mathrm{mmHg}$
(2) Was second sitting blood pressure obtained?


- No

BPBP2 BPBPSYSM
BPBPDIAM Systolic SITTING MEASUREMENT 2
Systolic
$B \& B P S Y \$ 2$
mmHg
Diastolic

mmHg
(3) Cuff Size: 10 Small 20 Regular 30 Large 40 Thigh BPCUFF
(4) Arm Used: 10 Right 20 Left $\longrightarrow$ Why wasn't right arm used: BPARM

O No
(5) Was an alert noted?
$\square$
(1) Was an ECG obtained? $\circ$ Yes ECECG
(2) Was an alert noted?


O No

Complete the ECG section on the Medical Alert Form

DXA
Bone Density Form

1 Was a bone density measurement obtained for the whole body?
$1^{\circ}$ Yes $\quad 0^{\text {O No, unable }} \quad 7^{\circ}$ No, refused $\quad D X W B$
Last 2 characters of scan ID \#:


2 Which hip was scanned at the baseline visit?
O Right O Left
3 Which hip was scanned at this visit?
O Right O Left O Hip not scanned
4 Was the same hip scanned at this visit as the baseline visit?



Record reason:
1o Refused radiation
20 Unable to lie on table
30 Bilateral hip replacement 50 Other $\qquad$
DXNOSCAN

5 Date of $\operatorname{scan}(\mathrm{s})$ : $\square$
$\square$
$\square$

6 Temperature of room during scan: DXQDTEMP
$\square$ degrees Celsius

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1) Was any blood drawn? OYes ONo

2) Was a fasting sample collected? O Yes o No SCFAST

3 Time of blood draw:

$\square$ O am Opm

4 Date of Lab Processing:


Month


Day


5 Was a blood blotter collected?
OYes ONo
6 Was a second blood blotter collected?

Vial \#1:(Clear/1.0 mL serum) O Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled
Vial \#2:(Clear/ 1.0 mL serum) ○ Complete ○ Hemolyzed ○ Partial ○ Hemolyzed/partial ○ Not filled
Vial \#3:(Clear/ 1.0 mL serum) ○ Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled Vial \#4:(Clear/ 1.0 mL serum) ○ Complete ○ Hemolyzed ○ Partial ○ Hemolyzed/partial ○ Not filled Vial \#5:(Brown/4.0 mL serum) ○ Complete ○ Hemolyzed ○ Partial ○ Hemolyzed/partial ○ Not filled

7 Ending time of laboratory processing:


8 Enter ID from bar code label:


1 Was urine collected?

A. Date of specimen collection:

B. Time participant collected specimen:

C. What void was this?

O 1st O2nd O>2nd

## Date of Lab Processing:



Month


Day


Year

Start time of lab processing:


O am
O pm
Hours Minutes
Vial \#6:(Yellow/4.0mL urine) O Complete O Partial O Not filled
Vial \#7:(Yellow/4.0mL urine) O Complete O Partial O Not filled
Enter ID from bar code label:


Portland Only: Did participant complete 24 hr urine collection? SC24UACT

A. Date of specimen collection:
B. Time participant started collection:


Month


Hours
SC24U24H

D. Were all voids collected?
C. Did collection last 24 hours?

O Yes
O No

Date of Lab Processing:


Year
Month

Start time of lab processing:


Hours

$\circ \mathrm{am}$
$\bigcirc \mathrm{pm}$
Minutes

Vial \#8:(Green/4.0mL urine, central storage) O Complete O Partial O Not filled Vial \#10: (4.0mL urine)

O Complete O Partial O Not filled
Vial \#12: (4. 0mL urine)
O Complete O Partial O Not filled

Vial \#9: (Green/4.0mL urine, central storage) O Complete O Partial O Not filled Vial \#11: (4.0mL urine)

O Complete O Partial O Not filled
Vial \#13: (4. 0mL urine)
O Complete O Partial O Not filled

SC24UVOL

PSG Morning
Survey
Date of PSG: $\square$
$\square$

1 What time did you go to bed (lay down and turn off the lights) last night?

POXBEDTM
$\square$


O A.M.
O P.M.
2 What time did you wake up today?


O A.M.
O P.M.
3 How much time do you think you actually slept last night?

POXSLPMN
4 What time did you collect your urine? POXURITM
5 Rate the quality of your sleep last night. Do not compare to usual sleep quality. My sleep last night was (mark a number for each)...

POXQUAL1 POXQUAL2
a. LIGHT
$\square$ hours
 minutes


O A.M.
O P.M.
PSG Morning Survey

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| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| \begin{tabular}{\|l|l|l|l|l|l|l|}
\hline
\end{tabular} |  |  |  |  |  |  |  |  |

For questions 9-11, please think back to the 4 hour period before you went to sleep LAST NIGHT. 10 How many of the following drinks did you have during the 4 hours before you went to sleep last night? Please write ' 0 ' if you did not drink any of that beverage.
a.
 gl
P. XCQFF
cups of regular coffee (with
b.
 drinks with hard liquor (1 shot)
е. ФXTEA cups of tea (with caffeine)
c.
 bottles or cans of beer (12 oz.)
f. glasses or cans of cola or other soda (with caffeine)

11 How much did you smoke during the 4 hours before you went to sleep last night? Please write ' 0 ' for each that you did not smoke last night.
a.
 number of cigarettes
 number of cigars
b. $\square$

12 Did you have nasal stuffiness, obstruction, or discharge last night? O Yes O No

| Did this interfere with your sleep last night? | OYes O No |
| :--- | :--- |
| POXINTER |  |

13 During the PAST MONTH, how often have you had trouble sleeping because of...

| 0 | 1 | 2 | 3 | Not During <br> the Past <br> Month | Less than <br> Once a <br> Week | Once or <br> Twice a <br> Week |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | | Three or |
| :---: |
| More Times a |
| Week |

Page 1 contains confidential information that is not collected by the Coordinating Center.

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Questions 1-9 relate to your usual sleep habits during the past month only. Your answers should indicate the most accurate reply for the majority of days and nights in the past month.

1) During the past month, what time have you usually gone to bed at night? $P Q P T M B E D$
2 During the past month, how long (in minutes) has it usually taken you to fall asleep each night?


During the past month, when have you usually gotten up in the morning? PQPTMWAK
4 During the past month, how many hours of actual sleep did you get each night? (This may be different PQPA


O A.M. PPM
PQPSLDUR PQPINBED minutes

## O A.M.

PQM
PQPEFFIC hours than the number of hours you spent in bed.)
For questions 5-9, mark the one best response. Please answer all questions.
5 During the past month, how often have you had trouble sleeping because you...




For questions 6-9, mark the one best response. Please answer all questions.

| Not During |  |  |  |
| :---: | :---: | :---: | :---: |
| the Past | Less than <br> Once a | Once or <br> Twice a | Three or |
| More Times |  |  |  | you taken medicine (prescribed or "over the counter") to help you sleep?

## PQPSLMED

7 During the past month, how often have you had trouble staying awake while driving, eating meals, or engaging in social activity?
8 During the past month, how would you rate your sleep quality overall? 00 Very good 10 Fairly good 20 Fairly bad 30 Very bad PQPSQUAL
9. During the past month, how much of a problem has it been for you to keep up enough enthusiasm to get things done?

PQPENTH
00 No problem at all 10 Only a slight problem 20 Somewhat of a problem 30 A very big problem
10 Do you have a bed partner or roommate?
O Yes
O No
PQBEDPAR



Some people have difficulty performing everyday activities when they feel tired or sleepy. The purpose of the next set of questions is to find out if you generally have difficulty carrying out certain activities because you are too sleepy or tired. In questions 1-25, when the words 'sleepy' or 'tired' are used, it means the feeling that you can't keep your eyes open, your head is droopy, that you want to 'nod off', or that you feel the urge to take a nap. These words do not refer to the tired or fatigued feeling you may have after you exercise.
Please fill in the circle for your answer to questions 1-26. Select only one answer for each question. Please try to be as accurate as possible.

| FOPRODUC | FOSOCIAL |
| :--- | :--- |
| FOACTIV | FOVIGIL |
| FOFOSQ |  |

I don't do
(1) Do you have difficulty concentrating on the things you do because you are sleepy or tired?

| this activity <br> for other <br> reasons | No <br> difficulty | Yes, <br> a little <br> difficulty | Yes, <br> moderate <br> difficulty | Yes, <br> extreme <br> difficulty |
| :---: | :---: | :---: | :---: | :---: |

(2) Do you generally have difficulty remembering things because you are sleepy or tired?
(3) Do you have difficulty finishing a meal because you become sleepy or tired?
00

- (4) Do you have difficulty working on a hobby (for example, sewing, collecting, gardening) because you are sleepy or tired?
(5) Do you have difficulty doing work around the house (for example, cleaning house, doing laundry, taking out the trash, repair work) because you are sleepy or tired?
(6) Do you have difficulty operating a motor vehicle for short distances (less than 100 miles) because you are sleepy or tired?
(7) Do you have difficulty operating a motor vehicle for long distances (greater than
$00 \quad 04$

100 miles) because you are sleepy or tired?

## FOSOHOUS

FOSOMOT1
FOSOREM
○ 3 ○ 2 ○1

## FOSOMEAL

| $\circ$ | $\circ$ | $\circ$ |
| :--- | :--- | :--- |

FOSOHOB

| $\circ$ | $\circ$ | $\circ 1$ |
| :--- | :--- | :--- |

030201
○ 3
○ 2
01
04

○ 3
○ 2
01

FOSOMOT2
04
0302
01
FOSOCOTH
$\bigcirc 302$
01
○ 4

04
$\bigcirc 4$

04

- 3

2
01
.
 2
th
I don't do
this activity
for other
reasons

|  | Yes, |
| :---: | :---: |
| No | a little |
| difficulty |  |
| difficulty |  |

Yes, moderate difficulty

Yes, extreme difficulty
(8) Do you have difficulty getting things done because you are too sleepy to drive or take public transportation?
(9) Do you have difficulty taking care of financial affairs and doing paperwork (for example, writing checks, paying bills, keeping financial records, filling out tax forms, etc.) because you are sleepy or tired?
(10) Do you have difficulty performing employed or volunteer work because you are sleepy or tired?
(11) Do you have difficulty maintaining a telephone conversation because you become sleepy or tired?
(12) Do you have difficulty visiting with your family or friends in your home because you become sleepy or tired?
(13) Do you have difficulty visiting with your family or friends in their home because you become sleepy or tired?
(14) Do you have difficulty doing things for your family or friends because you are too sleepy or tired?
(15) Do you have difficulty exercising or participating in sporting activity because you are too sleepy or tired?
(16) Do you have difficulty watching a movie or videotape because you become sleepy or tired?



I don't do

| this activity <br> for other <br> reasons | No <br> difficulty | Yes, <br> a little <br> difficulty | Yes, <br> moderate <br> difficulty | Yes, <br> extreme <br> difficulty |
| :---: | :---: | :---: | :---: | :---: |

(17) Do you have difficulty enjoying the theater or a lecture because you become sleepy or tired?
(18) Do you have difficulty enjoying a concert because you become sleepy or tired?
(19) Do you have difficulty watching TV because you are sleepy or tired?
20) Do you have difficulty participating in religious services, meetings or a group or club because you are sleepy or tired?
(21) Do you have difficulty being as active as you want to be in the evening because you are sleepy or tired?
(22) Do you have difficulty being as active as you want to be in the morning because you are sleepy or tired?
(23) Do you have difficulty being as active as you want to be in the afternoon because you are sleepy or tired?
(24) Do you have difficulty keeping pace with others your own age because you are sleepy or tired?

| FOSO | $\begin{gathered} \text { THEA } \\ 04 \end{gathered}$ | - 3 | $\bigcirc 2$ | $\bigcirc 1$ |
| :---: | :---: | :---: | :---: | :---: |
| FOSO | CONC |  |  |  |
| $\bigcirc 0$ | $\bigcirc 4$ | $\bigcirc 3$ | $\bigcirc 2$ | $\bigcirc 1$ |
| FOSOTTV 。 |  | $\bigcirc 3$ | $\bigcirc 2$ | $\bigcirc 1$ |
| FOSQRELG |  |  |  |  |
| $\bigcirc 0$ | $\bigcirc 4$ | - 3 | $\bigcirc 2$ | $\bigcirc 1$ |
| FOSQACT1 |  |  |  |  |
| $\bigcirc 0$ | 04 | - 3 | $\bigcirc 2$ | $\bigcirc 1$ |
| $\begin{gathered} \text { FOSO } \\ \text { OO } \end{gathered}$ | $\begin{array}{r} A C T 2 \\ 04 \end{array}$ | $\bigcirc 3$ | $\bigcirc 2$ | $\bigcirc 1$ |
| FOSQACT3 |  |  |  |  |
| $\bigcirc 0$ | 04 | - 3 | $\bigcirc 2$ | $\bigcirc 1$ |
| FOSQPACE |  |  |  |  |
| $\bigcirc 0$ | $\bigcirc 4$ | $\bigcirc 3$ | $\bigcirc 2$ | 01 |

(25) Has your relationship with family, friends or work colleagues been affected because you are sleepy or tired? FOSOFAM1

In what ways has your relationship been affected?
Very low Low Medium High
(26) How would you rate your general level of activity? $\circ 1$
(1) H

Have you ever snored (now or at anytime in the past)? ○ Yes O No SLSNORE $\downarrow$ SLOFTSNO

How often do you snore now?
0 O Do not snore anymore
1 O Rarely (less than 1 night a week)
2 O Sometimes (1 or 2 nights a week)

3 O Frequently (3 to 5 nights a week)
4 O Always or almost always ( 6 or 7 nights a week)
O Don't know
(2) Are there times when you stop breathing during your sleep?
0 Yes
$\downarrow$
O No
O Don't know

## SLSTOPBR

How often do you have times when you stop breathing during your sleep?
1 O Rarely (less than one night a week)
40 Always or almost always (6 or 7 nights a week)
20 Sometimes ( 1 or 2 nights a week)
80 Don't know
SLSBTIMS
3 ○ Frequently ( 3 to 5 nights a week)
(3) Has a doctor or health care provider ever told you that you have sleep apnea (a condition in which breathing stops briefly during sleep)?

- No
- Don't know
SLSA
.
a. Do you sleep with either a pressure mask ("CPAP")
- YeSLSCAP No or a mouthpiece as treatment for your sleep apnea?
b. Have you had surgery as treatment for your sleep apnea?

(4) Has a doctor or health care provider ever told you that you have a sleep disorder other than sleep apnea?
o Yes
○ No
- Don't know
SLSLPDIS

What other sleep disorder? Check all that apply.
10 Insomnia 10 Restless legs p Periodic leg movements 10 Narcolepsy 10 Other NSOMN Mease describe. LRESTLG SLPERLEG SLNARC
(5) Do you usually use oxygen therapy (oxygen delivered by a mask or nasal cannula) during your sleep? SLOXTHER
(6) Do you ever drink alcohol to help you sleep? ○ Yes ○ No ○ Don't know SLSLALC

Medical
History

(7) During the past 12 months, have you fallen and landed on the floor or ground, or fallen and hit an object like a table or chair? O Yes O No MHFALL
a. How many times have you fallen in the past 12 months? $\circ 1$

b. Which of the following injuries did you have? (Mark all that apply)

MHFRACTO I broke br fractured a bone MHBRUISE $\circ \mathrm{I}$ had a bruise or bleeding
MHOTHER ${ }^{\circ}$ I had some other kind of injury 1
MHNOINJR ${ }^{\circ}$ I did not have any injuries from a fall in the past 12 months
(8) Over the past month, how many times did you most typically get up to urinate from the time you went to bed at night until the time you got up in the morning?

00 None 101 time 202 times 63 times 404 times 505 times or more SUP
(9) Has a doctor or other health care provider ever told you that you had:
a. Diabetes?

Are you currently being treated for this by a doctor? O Yes O No
MHDIABT
b. High thyroid, Graves disease or an overactive thyroid gland?

f. Rheumatoid arthritis?


MHRHEUT
c. Low thyroid or an under active thyroid gland?


Are you currently being treated for this by a doctor? O Yes ○ No

MHLTHYT
d. Osteoporosis, sometimes called thin or brittle bones?

e. Osteoarthritis or degenerative arthritis?



9 Has a doctor or other health care provider ever told you that you had (continued):
g. Prostatitis (inflammation or infection of the prostate)?


Are you currently being treated for this by a doctor? O Yes O No

MHPROSTT
h. Parkinson's disease?


Are you currently being treated for this by a doctor? O Yes O No

MHPARKT
i. Liver disease?


Are you currently being treated for this by a doctor? O Yes O No

## MHLIVERT

I. Chronic bronchitis?

OYes ONo


Are you currently being treated for this by a doctor? O Yes O No

MHBRONCT
m. Asthma?


Are you currently being treated for this by a doctor? O Yes O No

MHASTHMT
n. Hayfever or seasonal allergies?

OYes ONo
$\downarrow$ MHALLER
Are you currently being treated for this by a doctor? O Yes O No

MHALLERT
o. Glaucoma?


Are you currently being treated for this by a doctor? O Yes O No MHGLAUT

## p. Cataracts?

O Yes ONo
MHCAT

| MHAFIB | MHAFIBS |
| :--- | :--- |
| MHHR | MHHRS |

Are you currently being treated for this by a doctor? O Yes O No

MHCOBPDT

Cardiovascular History

| Office Use Only-- <br> MrOS ID\# |
| :--- |
|  OMISSING <br> Acrostic  |

1 Has a doctor or other health care provider ever told you that you had:
a. Heart attack, coronary or myocardial infarction? O Yes O No MHMI

Are you currently being treated for this by a doctor? O Yes O No
b. Angina (chest pain)?

c. Congestive heart failure or enlarged heart?

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Are you currently being treated for this by a doctor? O Yes MHCN/F |  |  |  |  |  |  |  |

d. Intermittent claudication or pain in your legs from a blockage of the arteries?

e. TIA, transient ischemic attack, or mini-stroke?

f. A stroke, blood clot in the brain or bleeding in the brain?

h. Hypertension or high blood pressure?


2 Have you ever had any medical or surgical procedure in your heart, neck or blood vessels, such as angioplasty or bypass surgery?
$\underset{\downarrow}{\mathcal{Y} \text { es } \mathcal{O} \text { No } \& \text { Don't Know CVSURG }}$

## a. Coronary bypass surgery, heart

bypass or CABG? CVCABG
o Yes
O No
O Don't Know
b. Angioplasty of coronary arteries, which is a dilation of arteries of the heart with a balloon?

CVAPCORA

- Yes ○ No ODon't Know c. Repair of aortic aneurysm?
 o No
o Don't Know d. Bypass procedure on the arteries of your legs? ○ Yes O No O Don't Know
e. Angioplasty of lower extremity arteries, which is dilation of arteries of the leg with a balloon? CVAPLOW

OYes ONo
o Don't Know
f. Carotid endarterectomy, which is surgery on the blood vessels in your neck? CVSURGBV

OYes ONo
o Don't Know

## g. Pacemaker implant?

CVPACE O Yes O No O Don't Know
h. Replacement of a heart valve?

CVVALVE
o Yes
O No
O Don't Know

(3) Have you ever had any pain or discomfort in your chest? 10 Yes 0 No $8^{\circ}$ Don't Know CVCHPAIN
$\downarrow$ GO TO NEXT PAGE $\downarrow$

CVROSE CVROSEGR
a. Do you get it when you walk up a hill or hurry?

O Yes O No O Don't Know
CVCPHILL

1. Do you get it when you walk at an ordinary pace on a level surface?
O Yes
o No
o Don't Know
CVCPWALK
2. What do you do if you get it while you are walking?

CVCPDO
10 Stop or slow down 20 Continue at same pace 80 Don't Know
3. If you stand still, is the pain relieved or not relieved?

P Relieved 20 Not relieved 80 Don't Know CVCPREL

How soon is it relieved? CVCPRELT
1010 minutes or less 2 More than 10 minutes 80 Don't Know
4. Where do you get this pain or discomfort? Mark any areas that apply with an X.

## RIGHT SIDE



| Clinic Use | 10 SUGVLOCSUM |
| :--- | :--- |
| Only | 10 SL CVLOCSL |
|  | 10 LC CVLOCLC |
|  | 10 LA CVLOCLA |
|  | 10 OT CVLOCOT |
|  | 10 DK CVLOCDK |

b. Have you ever had a severe pain across the front of your chest lasting for half an hour or more? O Yes O No O Don't Know CVCP30M

1. Did you see a doctor because of this pain?

- Yes ○ No
o Don't Know
CVCPDOC
$\downarrow$
What did your doctor say this was?
10 Angina D Heart attack 30 Other 80 Don't Know


## Cardiovascular <br> Draft


(5) Do you get a pain or discomfort in your legs when you walk?

10 Yes 0 No 80 Don't Know CVLGPAIN
a. Does this pain ever begin when you are standing still or sitting?
o Yes ONo O Don't Know CVLPSTIL
b. Do you get it if you walk uphill or hurry?

- Yes O No O Don't Know CVLPHILL
c. Do you get it when you walk at an ordinary pace on a level surface?

O Yes O No O Don't Know CVLPWALK
d. What happens if you stand still? CVLPSTST

10 Usually continues for more than 10 minutes
20 Usually disappears in 10 minutes or less 80 Don't Know
e. Do you get this pain in your calf (or calves)?

O Yes O No O Don't Know CVLPCALF
f. Were you hospitalized for this problem in your legs?

- Yes O No O Don't Know CVLPHOSP

Draft
(1) Compared to other people your own age, how would you rate your overall health? $\$$ Excellent for my age $\geqslant$ Good for my age $\quad 3$ Fair for my age 40 Poor for my age 50 Very poor for my age Q내튼ㄴ-ㅐ
The following questions are about activities you might do during a typical day. Does your health now limit you in these activities? If so, how much?


During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities because of your physical health?
(4) Accomplished less than you would like

- Yes
- No QLACCOM
(5) Were limited in the kind of work or other activities

O Yes
O No
QLKIND
During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities because of any emotional problems (such as feeling depressed or anxious)?
(6) Accomplished less than you would like
0 Yes
O No
QLACCLV
(7) Didn't do work or other activities as carefully as usual

O Yes
O No
QLCARE
(8) During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)?
Oo Not at all
10 A little bit
3 Moderately
30 Quite a bit
$4 b$ Extremely
QLPAIN

These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...

| and peaceful? QLENERGY | All of the | Most of the time | A good bit of the time | Some of the time | A little of the time | None of the time |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 | 40 | 30 | 20 | 10 | $\infty$ |
|  | 5 | 40 | 30 | 20 | 10 | 00 |
| earted and blue? | ? 50 | $4^{\circ}$ | 30 | 20 | 10 | 0 |

(12) During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting friends, relatives, etc.)?
4 PAll of the time
© Most of the time
20 Some of the time
p A little of the time
OD None of the time


The next few questions ask about your physical activity during the last 7 days. If the last 7 days have not been typical because of illness or bad weather, please estimate based on two or three weeks ago.
(1) Over the past 7 days, how often did you participate in sitting activities such as reading, watching TV or doing handcrafts?

(2) Over the past 7 days, how often did you take a walk outside your home or yard for any reason? For example, for fun or exercise, walking to work, walking the dog, etc.?

| 00 Never | $p$ Seldom (1-2 days) 20 Sometimes (3-4 days) | $30 \text { Often (5-7 days) PAWALK }$ | PAWALKW |
| :---: | :---: | :---: | :---: |
| Go to Question 3 | What were these activities? |  |  |
|  | On average, how many hours per day did you spend walking? PAWALKT 10 Less than 1 hour <br> B Between 1 and 2 hours <br> 3) 2-4 hours <br> 4) More than 4 hours |  |  |

(3) Over the past 7 days, how often did you engage in light sport or recreational activities such as bowling, golf with a cart, shuffleboard, fishing from a boat or pier, or other similar activities?


What were these activities? $\qquad$

On average, how many hours per day did you engage in these light sport or recreational activities?
10 Less than 1 hour 2 Between 1 and 2 hours $\quad 302$ hours $\$$ More than 4 hours

(4) Over the past 7 days, how often did you engage in moderate sport and recreational activities such as doubles tennis, ballroom dancing, hunting, ice skating, golf without a cart, softball or other similar activities?


What were these activities?

On average, how many hours per day did you engage in these moderate sport or recreational activities? PAMODT
$P$ Less than 1 hour $\varrho$ Between 1 and 2 hours $\quad 2-4$ hours 4 More than 4 hours
(5) Over the past 7 days, how often did you engage in strenuous sport and recreational activities such as jogging, swimming, cycling, singles tennis, aerobic exercise, skiing (downhill or cross country) or other similar activities?


Go to Question 6

What were these activities? $\qquad$

On average, how many hours per day did you engage in these strenuous sport or recreational activities? PASTRT
$P$ Less than 1 hour $Q$ Between 1 and 2 hours $2-4$ hours 4 More than 4 hours
6) Over the past 7 days, how often did you do any exercise specifically to increase muscle strength and endurance, such as lifting weights or pushups, etc.?


2 O Sometimes (3-4 days) 30 30 Often (5-7 days)

Go to Question 7


What were these activities? $\qquad$

On average, how many hours per day did you engage in exercises to increase muscle strength and endurance? PAWGTT

$$
10 \text { Less than } 1 \text { hour } 2 \text { Between } 1 \text { and } 2 \text { hours } 302-4 \text { hours } 40 \text { More than } 4 \text { hours }
$$



(7) During the past 7 days, have you done any light housework, such as dusting or washing dishes?

- Yes
- No
PALHW
PALHWW
(8) During the past 7 days, have you done any heavy housework or chores, such as vacuuming, scrubbing floors, washing windows or carrying wood?
o Yes
- No
PAHHW
PAHHWW
(9) During the past 7 days, did you engage in any of the following activities? (Please answer yes or no for each item.)

PAHOME
PAHOMEW
Home repairs, like painting, wallpapering, electrical work, etc.? O Yes O No
Lawn work or yard care, including snow or leaf removal, wood chopping, etc.? PALAWN

PALAWNW

$$
5-10
$$

Outdoor gardening?
Caring for another person, such as children, dependent spouse, or another adult?

- Yes ONo

PACARE
PACAREW

- Yes ONo
(10) During the past 7 days did you work either for pay or as a volunteer?
$\circ$ Yes $\circ$ No
PAWK
PAWKW
a. How many hours in the past week did you work for pay and/or as a volunteer?



## PAWKHR

hours
b. Which of the following categories best describes the amount of physical activity required on your job and/or volunteer work?
10 Mainly sitting with slight arm movements
Examples: office worker, watchmaker, seated assembly line worker, bus driver, etc.
20 Sitting or standing with some walking
Examples: cashier, general office worker, light tool and machinery worker
30 Walking, with some handling of materials generally weighing less than 50 pounds
Examples: mailman, waiter/waitress, construction worker, heavy tool and machinery worker
40 Walking and heavy manual work often requiring handling material weighing more than 50 pounds

Examples: lumberjack, stone mason, farm or general laborer.


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1 Do you currently drink regular coffee? (Not decaffeinated)

## CFCAFF



2 Do you currently drink regular tea? (Not herbal or decaffeinated)

3 Do you currently drink sodas that contain caffeine, such as Pepsi, Coca-Cola, Dr. Pepper, and Mountain Dew? (Do NOT include Sprite or 7-up or other sodas without caffeine)


How many cans of CAFFEINATED soda do you drink per day? $\square$ cans

4 Do you smoke cigarettes now?
O Yes
O No

TUSMKNOW

## TURSMOKE

 $\downarrow$

About how many cigarettes do you smoke per day?

O No
$\downarrow$ pipes or cigars per week
About how much do you smoke per week?

## TUGPIAMT

TU12DRIN
6 In the past 12 months, have you had at least 12 drinks of any kind of alcoholic beverage?


On average, how many alcoholic drinks do you consume per week?

TUDRAMT

10 Less than one drink per week
20 1-2 drinks per week
30 3-5 drinks per week
40 6-13 drinks per week
5014 or more drinks per week

Choose the best answer for how you felt over the LAST WEEK.

| (1) | Are you basically satisfied with your life? | DPSAT | - Yes | $\bigcirc \mathrm{No}$ |
| :---: | :---: | :---: | :---: | :---: |
| (2) | Have you dropped many of your activities and intere |  | O Yes | O No |
| (3) | Do you feel that your life is empty? | DPEMPT | o Yes | ○ No |
| (4) | Do you often get bored? | DPBORE | O Yes | O No |
| (5) | Are you in good spirits most of the time? | DPGOOD | O Yes | O No |
| (6) | Are you afraid something bad is going to happen | $\begin{aligned} & \text { you? } \\ & D P S A D \\ & \hline \end{aligned}$ | - Yes | - No |
| (7) | Do you feel happy most of the time? | DPHAPY | - Yes | $\bigcirc \mathrm{No}$ |
| (8) | Do you often feel helpless? | DPHPLS | o Yes | O No |
| (9) | Do you prefer to stay at home, rather than going out doing new things? | t and DPHOME | O Yes | O No |
| (10) | Do you feel you have more problems with memory $t$ most? | than <br> DPMEM | - Yes | - No |
| (11) | Do you think it is wonderful to be alive now? | DPWOND | O Yes | $\bigcirc \mathrm{No}$ |
| (12) | Do you feel pretty worthless the way you are now? | DPWRTH | O Yes | O No |
| (13) | Do you feel full of energy? | DPENER | o Yes | O No |
| (14) | Do you feel that your situation is hopeless? | DPSIT | - Yes | $\bigcirc \mathrm{No}$ |
| (15) | Do you think that most people are better off than you | u are? | - Yes | $\bigcirc$ No |

- APAAOST

| Office Use Only-MrOS ID\# |  |  |  |  |  | $\begin{aligned} & \text { O MISSING } \\ & \text { Acrostic } \end{aligned}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |

Choose the best answer for how you have been feeling over the LAST MONTH.

| (1) | Have you felt keyed up or on edge? |  | AXKEYED | O Yes | O No |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (2) | Have you been worrying a lot? |  | AXWORRY | $\bigcirc$ Yes | $\bigcirc$ No |
| (3) | Have you been irritable? |  | AXIRTBL | - Yes | $\bigcirc$ No |
| (4) | Have you had difficulty relaxing? |  | AXRELAX | - Yes | O No |
| (5) | Have you been sleeping poorly? |  | AXPOORSP | O Yes | $\bigcirc \mathrm{No}$ |
| (6) | Have you had headaches or neckaches? |  | AXNKACH | O Yes | O No |
| (7) | Have you had any of the following: trembling, tingling, dizzy spells, sweating, diarrhea or needing to pass water more often than usual? |  |  | O Yes | - No |
| (8) | Have you been worried about your health?AXWORHTL |  |  | O Yes | O No |
| (9) | Have you had difficulty falling asleep? |  | AXDIFSLP | O Yes | O No |
| (10) | Have you been lacking energy? |  | AXENRGY | O Yes | O No |
| (11) | Have you lost interest in things? |  | AXLOST | O Yes | $\bigcirc \mathrm{No}$ |
| (12) | Have you lost confidence in yourself? |  | AXCONFID | O Yes | O No |
| (13) | Have you felt hopeless? |  | AXHOPELS | O Yes | O No |
| (14) | Have you had difficulty concentrating? |  | AXCONCNT | O Yes | O No |
| (15) | Have you lost weight (due to poor appetite)? |  |  | O Yes | O No |
| (16) | Have you been waking early? |  | AXEARLY | - Yes | O No |
| (17) | Have you felt slowed up? |  | AXSLOWED | O Yes | O No |
| (18) | Have you tended to feel worse in the morning? AXWORSE $\circ$ Yes |  |  |  | $\bigcirc$ No |
|  | AXANXSC <br> AXANX50 <br> AXDEPSC <br> AXDEP50 |  | Mr. | sleep |  |

(1) Did the participant receive an actigraph?


○ No
VSACTIG
VSACTRSN

## ACSERNUM

ACACTARM

Watch Serial Number
What arm was watch worn on?
(should be non-dominant when possible)

$$
\begin{aligned}
& 10 \text { Left, non-dominant } \\
& 2^{\circ} \text { Left, dominant } \\
& 3^{\circ} \text { Right, non-dominant } \\
& 4^{\circ} \text { Right, dominant }
\end{aligned}
$$

Why not?
Refused
Cognitive Impairment
20 Physical/Medical Problem
30 No watch available/Schedule problem 40 Other

(3) Date watch returned to clinic


Month


Day


Year
(4) How many nights were watch data collected? (record number of nights in .ami file)
$\square$ nights $\longrightarrow$

If less than 3 nights, will participant rewear the watch? o Yes ○ No
(5) Was the sleep diary completed?

## ACDIARY



Was the diary completed accurately for all days and all sections? ○ Yes ACDIARYA

Please indicate which sections were not accurately completed for ALL days (mark all that apply): 10 Napping Information

10 Still times information
10 Removal times information
10 Bed time and wake time information

