1) Was this participant seen at the clinic for Visit 4 ? p Yes $\quad 20 \mathrm{No}, \mathrm{SAQ}$ only $\downarrow$
Reason for clinic visit refusal: V4WHYN

$$
\begin{array}{ll}
10 \text { Not interested/Too busy } & 50 \text { Caregiver responsibilities } \\
20 \text { Health Problems } & 70 \text { Postcard Only status (not contacted) } \\
30 \text { Out of Area } & 60 \text { Other: } \\
40 \text { Too many contacts from study } &
\end{array}
$$

## V4TYPE

${ }^{3} \mathrm{O}$ No, Refused

## V4AGE1

V4AGE1RG
(2) Was the Clinic Interview completed? 10 Yes 00 No V4CICOM

(3) Date of Clinic Visit or Date SAQ Returned to the clinic?


Month


Day


Year

V4DATE
V41FUTM V41FYTM V4DFUTM V4DFYTM V4IFUTM V4IFYTM V4I1FUTM V4I2FYTM V4SFUTM V4SFYTM V42FUTM V42FYTM V43FUTM V43FYTM V4S2FUTM V4S2FYTM

5 Who completed the majority of the questionnaires (Who provided the answers for the majority of questions)? V4QUEST

10 Participant 20 Spouse 30 Other family 40 Clinic 50 Other

## PLEASE COMPLETE THE ACTIVITY MONITOR CHECKLIST FOR ALL VISIT 4 PARTICIPANTS (CLINIC AND SAQ ONLY).



What is your current marital status? AACGIMSTAT
10 Married or living in a married-like relationship 40 Divorced
$3^{\circ}$ Separated $\quad 5 \bigcirc$ Single, never married $2^{\circ}$ Widowed $\rightarrow$

What is the date of your spouse's death?

SEDOD


Month


Day


Year

6 Please tell us about your current living arrangement. Mark all that apply to you. 1 Ol live alone GILIVEA 1 Ol live with my spouse or partner 1 O live with my GIIIVES Children 1 Ol live with other family members

1 Ol live with friend(s) or roommate(s)
GILIVER
GILIVEH
${ }_{1}$ Ol live in an assisted living center

7 How long have you lived in this current living arrangement?
$\square$ GILIVEYR
years years

8 During the last 12 months, have you, because of illness or injury, cut down on the things that you usually do, such as going to work or working around the house? 10 Yes 00 No MHRESTBD $\downarrow$
a. During the past 12 months, how many days did you cut down on the things that you usually do, because of illness or injury?


MHRESTD days
b. During the past 12 months, of the number of days that you cut down on the things you usually do, for how many days did you stay in bed for more than half the day, because of illness or injury? (Include any days you spent in bed at home, in a nursing facility or as an overnight hospital patient.)


MHRESTBD
days


1 Has a doctor or other health care provider ever told you that you had:

i. How old were you when a health care provider first told you this?

years old
ii. Are you currently being treated for this by a doctor?

10 Yes 00 No MHDIABT
b. High thyroid, Graves disease or an overactive thyroid gland? МННТНY
 МННТНУТ
c. Low thyroid or an under active thyroid gland? $\quad 10$ Yes 00 No MHLTHY

Are you currently being treated for this by a doctor? 10 Yes 00 No

MHLTHYT
d. Parkinson's disease?

| 10 Yes 00 No MHPARK |
| :--- |
| $\downarrow$ |

e. Dementia or Alzheimer's disease?

10 Yes 00 No MHALZH
Are you currently being treated for this by a doctor?10 Yes 00 No MHALZHT
f. Glaucoma?10 Yes 00 No $\downarrow$ MHGLAU
Are you currently being treated for this by a doctor?10 Yes 00 No

MHGLAUT
g. Rheumatoid arthritis? MHRHEU1


Are you currently being treated for this by a doctor? 10 Yes 00 No
h. Osteoarthritis or degenerative arthritis? 10 Yes 00 No MHOA
Are you currently being treated for this by a doctor? 10 Yes 00 No МННОАТ
i. Angina (chest pain)?

10 Yes 00 No
MHANGIN
Are you currently being treated for this by a doctor?10 Yes 00 No
j. Chronic obstuctive lung disease, chronic bronchitis, asthma, emphysema or COPD?


Are you currently being treated for this by a doctor?10 Yes 00 No
k. Congestive heart failure or enlarged heart?

10 Yes 00 No
$\downarrow$ MHCHF
Are you currently being treated for this by a doctor? 10 Yes 00 No
I. Hypertension or high blood pressure?

m. Atrial fibrillation or atrial flutter?


Are you currently being treated for this by a doctor? $\rho$ Yes © No

## MHAFIBT

Draft


1 Has a doctor or other health care provider ever told you that you had:
n. Peripheral vascular disease (intermittent claudication or pain in your legs from a blockage of the arteries)? MHPERVD


Are you currently being treated for this by a doctor? 10 Yes 00 No

MHPRVDT
o. Heart attack, coronary or myocardial infarction? ${ }_{1}$ O Yes $0^{\circ}$ No

MHMI
Are you currently being treated for this by a doctor? 10 Yes 00 No MHMIT
p. TIA, transient ischemic attack, or mini-stroke?10 Yes 00 No
$\downarrow$ MHTIA
Are you currently being treated for this by a doctor? 10 Yes 00 No MHHTIAT
q. A stroke, blood clot in the brain or bleeding in the brain?

| 10 Yes 0O No |
| :---: |
| $\downarrow$ MHSTRK |
| Are you currently being treated for <br> this by a doctor?1 O Yes 0O No | MHSTRKT

Have you been hospitalized overnight in the last 12 months? 10 Yes 00 No MHHSP

How many times were you hospitalized?


5 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? 10 Yes 00 No MHFALL
a. How many times have you fallen in the past 12 months? MHFALLTM
101 2O2-3 $304-5 \quad 406$ or more
b. Which of the following injuries did you have? (Mark all that apply)



6 During the past 12 months, have you been trying to lose weight? O Yes O No MHWTLOSS
a. By what means were you trying to lose weight? (Mark all that apply)

## MHWDIET

MHWEXE
1 O Diet
1 O Diet pills
1 O Exercise 1 O Other (Please specify): $\qquad$
7 Do you take naps regularly? ${ }_{1}$ ○ Yes $0_{0}$ O No $8_{8}$ I don't know SLNAP
a. How many days per week do you usually nap?
$\square_{\text {days }}$ SLNAPDY
b. On average, how many hours do you nap each time? SLNAPHR

10 Less than 1 hour 20 At least 1 hour but no more than 2 hours 30 More than 2 hours
8 Do you sometimes have trouble with dizziness? $1 \bigcirc$ Yes 0 O No MHDIZZY
a. How long have you had trouble with dizziness? MHDIZTIM

10 Less than 1 month 201 month to 1 year 30 More than 1 year
b. Would you describe your dizziness as: (Mark all that apply)

1 O Feeling like you are about to faint or pass out? MHDZFNT
10 Feeling that you or the room are spinning around?
MHDZSPIN
1 O Feeling that you are losing your balance?
MHDZBAL
1 O Other MHDZOTH
c. Is your dizziness troublesome enough to limit your activities, such as walking or other leisure activities? 10 Yes 00 No MHDIZLMT

9 Has a doctor or other health care provider ever told you that you had depression? $\underset{\downarrow}{10}$ Yes 00 No MHDEPR
a. About how old were you the first time you had depression? MHDEPAG 10 Less than 25 years old $2025-44$ years old $3045-65$ years old 40 Over 65 years old
b. Over the past 2 years, about how often have you felt depressed? MHDEP2Y 00 Never 10 Very rarely 20 Sometimes 30 Much of the time 40 All of the time
c. Were you ever treated by a doctor or other professional for this? MHDEPDR

| 10 Yes | 10 Yes <br> (by medication only) | 20 Yes (by talk <br> therapy only) | 30 Yes (by both <br> medication and <br> talk therapy) |
| :---: | :---: | :---: | :---: | | 40 Yes (including |
| :---: |
| electroconvulsive |
| therapy (ECT)) |

d. Are you currently being treated for this by a doctor? 10 Yes 00 No MHDEPRT

Medical
History

| Office Use Only-- | O MISSING |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| MrOS ID\# | Acrostic |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |

Has a doctor or other health care provider ever told you that you have cancer?


Please specify the kind of cancer(s): (Mark all that apply)


MHPC MHCC MHSC
11 How would you rate your current eyesight (with glasses or contact lenses if you wear them)? MHEYESI


Has a doctor or other health care provider ever told you that you have cataracts?

| Was this corrected? |  |
| :---: | :---: |
| 10 Yes, left eye <br> corrected | MHCATT <br> 20s, right eye <br> corrected |

13 Has a doctor or other health care provider ever told you that you have kidney stones? $1 \underset{\downarrow}{\circ} \mathrm{Yes} 0 \mathrm{O}$ No MHKDNY
a. DURING THE PAST FIVE YEARS, how many times have you passed a stone (or had a kidney stone attack)?
 MHKDNYAK times
b. Are you currently being treated for kidney stones? 10 Yes 00 No MHKDNYTR

14 Has a doctor or other health care provider ever told you that you have chronic kidney (renal) disease or kidney (renal) failure?

| 1 Yes 0 No MHRENAL |
| :--- |
| a. Do you currently undergo dialysis? 10 Yes 00 No MHRENALT <br> b. Have you ever had a kidney (renal) transplant? 10 Yes 00 No MHRENTR |



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? PASIT


On average, how many hours per day did you engage in these sitting activities? 10 Less than 1 hour 20 Between 1 and 2 hours $302-4$ hours 40 More than 4 hours PASITT

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.?


On average, how many hours per day did you spend walking? PAWALKT 10 Less than 1 hour 20 Between 1 and 2 hours $302-4$ hours 40 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?
0 O Never 10 Seldom (1-2 days) 20 Sometimes (3-4 days) 30 Often (5-7 days) PALTE

## Go to

 Question 4What were these activities? $\qquad$


On average, how many hours per day did you engage in these light sport or recreational activities? PALTET
10 Less than 1 hour 20 Between 1 and 2 hours $302-4$ hours 40 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?


Go to Question 5

What were these activities?

On average, how many hours per day did you engage in these moderate sport or recreational activities? PAMODT
10 Less than 1 hour 20 Between 1 and 2 hours $302-4$ hours 40 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?

On average, how many hours per day did you engage in these strenuous sport or recreational activities? PASTRT
$\rho$ Less than 1 hour $2^{O}$ Between 1 and 2 hours $\quad 302-4$ hours $\quad P$ 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.?


Go to Question 7

What were these activities?

On average, how many hours per day did you engage in exercises to increase muscle strength and endurance? PAWGTT
10 Less than 1 hour 20 Between 1 and 2 hours $302-4$ hours 40 More than 4 hours

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

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

10 Yes 00 No PALHW

PALHWW

During the past 7 days, have you done any heavy housework or chores, such as vacuuming, scrubbing floors, washing windows or carrying wood?

10 Yes 00 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.)
Home repairs, like painting, wallpapering, electrical work, etc.? 10 Yes 00 No PAHOME
Lawn work or yard care, including snow or leaf removal, wood chopping, etc.?

Outdoor gardening?
10 Yes 00 No PALAWN

10 Yes 00 No PAGARDEN
PAGARDNW
Caring for another person, such as children, dependent spouse, or another adult?

PACAREW
During the past 7 days did you work either for pay or as a volunteer?
10 $\downarrow$
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? Please mark only one option.
10 Mainly sitting with slight arm movements PAWKPA
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.


1 Do you take walks for exercise, daily or almost everyday? 10 Yes 00 No CIPIWALK $\downarrow$

## CIPIBLKN

a. On the average, how many city blocks or their equivalent do you walk each day for exercise? ( 12 city blocks=1 mile) $\square$ blocks

2 On average, about how many city blocks do you walk each day as part of your normal routine, such as when you go out shopping?


## CIPIBLKN

 blocks3 During an average 24-hour day, about how many hours do you spend sleeping and lying down with your feet up? Include time sleeping at night or trying to sleep, resting or stretched out on the sofa watching TV.


## CIPILIE

 hours per day4 During an average 24-hour day, about how many hours do you spend sitting upright? Include time sitting at the table eating, driving or riding in a car or bus, sitting watching TV, or talking.


CIPITV
hours per day
5 Over the past year, have you spent more than one week confined to a bed or a chair as a result of any injury, illness or surgery?

## 10 Yes 00 No CIPICON

a. How many weeks over this past year were you confined to a bed or chair? $\square$


## Choose the best answer for how you felt over the LAST WEEK:

| 1 | Are you basically satisfi | ed with your life? | DPSAT | pYes | 0 ONo |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | Have you dropped many of your activities and interests? |  |  | pYes | $0^{\circ} \mathrm{No}$ |
| 3 | Do you feel that your life is empty? |  | DPEMPT | $\rho \mathrm{Yes}$ | $0^{\circ} \mathrm{No}$ |
| 4 | Do you often get bored? |  | DPBORE | p Yes | 0 No |
| 5 | Are you in good spirits most of the time? |  | DPGOOD | pYes | 0 No |
| 6 | Are you afraid something bad is going to happen to you? <br> DPSBAD |  |  | 10 Yes | 00 No |
| 7 | Do you feel happy most of the time? |  | DPHAPY | 10 Yes | 00 No |
| 8 | Do you often feel helpless? |  | DPHPLS | 10 Yes | 00 No |
| 9 | Do you prefer to stay at home, rather than going out and doing new things? <br> DPHOME |  |  | p Yes | 0 No |
| 10 | Do you feel you have more problems with memory than most? <br> DPMEM |  |  | 10 Yes | 00 No |
| 11 | Do you think it is wonderful to be alive now? |  | DPWOND | pYes | 0 No |
| $(12$ | Do you feel pretty worthless the way you are now? |  | DPWRTH | 10 Yes | Oo No |
| (13) | Do you feel full of energy? |  | DPENER | 10 Yes | Oo No |
| 14 | Do you feel that your situation is hopeless? |  | DPSIT | 10 Yes | 00 No |
| 15 | Do you think that most people are better off than you are? <br> DPMOST |  |  | ¢Yes | 0 ONo |
|  | $\begin{array}{\|l\|} \hline \text { DPGDSYN } \\ \text { DSPDSSC } \\ \text { DPGDS15 } \\ \hline \end{array}$ <br> PAGE 12 | Version 1.0 12.18.2013 <br> MrOS_AAL_MoodsGDS MrOS Visit $\overline{4}$ <br> Moods in the last week, page 1 of 1 | Mr. |  | $\frac{\text { Draft }}{2 a}$ |

MrOS ID\# Acrostic
( Compared to other people your own age, how would you rate your overall health? QLHEALTH

QLCOMP


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?

Yes, limited Yes, limited No, not limited a lot a little at all
2 Moderate activities, such as moving a table, pushing a vacuum cleaner, $10 \quad 20$ $3^{0}$ bowling or playing golf? QLMODLIM
3 Climbing several flights of stairs?
10
20

## OLSEVLIM

4 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?
a. Accomplished less than you would like
$1^{\circ}$ Yes $0^{O N o}$
b. Were limited in the kind of work or other activities
$1^{\circ}$ Yes $0^{\circ}$ No
OLKIND

5 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)?

QLPCS12
a. Accomplished less than you would like

10 Yes 00 NoQLMCS12
b. Didn't do work or other activities as carefully as usual 10 Yes

6 During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)? QLPAIN 00 Not at all 10 A little bit 20 Moderately 30 Quite a bit 40 Extremely

7 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.)? QLSOCIAL
$4^{\circ}$
the time
the time
$2^{0}$ Some of
the time
10 A little of the time

None of the time

8
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 ...
a. Have you felt calm and peaceful? QLCALM
50 All of 40 Most of 30 A good bit of 20 Some of 10 A little of 00 None of
the time the time the time the time the time the time
b. Did you have a lot of energy? QLENERGY

50 All of 40 Most of 30 A good bit of 20 Some of 10 A little of 00 None of the time the time the time time the time the time
c. Have you felt downhearted and blue? QLBLUE

50 All of 40 Most of 30 A good bit of 20 Some of 10 A little of 00 None of the time the time the time the time the time the time

9 Considering the people to whom you are related either by birth or marriage, how
many relatives do you see or hear from at least once a month?
SNRELSE
© None
101
202
$3^{\circ} 3-4$
$4^{\circ}$ 5-8
59 or more

10 Considering the people to whom you are related either by birth or marriage, how many relatives do you feel close to such that you could call on them for help?

## SNRELCA

## © None

p1
Q2
९ 3-4
4-5
$\rho 9$ or more
11 Considering the people to whom you are related either by birth or marriage, how many relatives do you feel at ease with that you can talk about private matters?
o None
P1
22
33-4
405-8
5 9 or more

12 Considering all of your friends, including those who live in your neighborhood, how many of your friends do you see or hear from at least once a month?
SNFRDSE
© None
$p 1$
Q2
ค 3-4
4. 5-8

今9 or more
13 Considering all of your friends, including those who live in your neighborhood, how many friends do you feel close to such that you could call on them for help?

## SNFRDCA

$\odot$ None
101
202
30 3-4
$4^{\circ}$ 5-8
50 9 or more
14 Considering all of your friends, including those who live in your neighborhood, how many friends do you feel at ease with that you can talk about private matters?
SNFRDTA
© None
P1
-2
ऽ 3-4
4-8
$\rho^{9} 9$ or more

(1) In the past 12 months, have you had at least 12 drinks of any kind of alcoholic beverage?

## 1 Y Yes 00 No 801 don't know TU12DRIN

On average, how many alcoholic drinks do you consume per week?
10 Less than one drink per week TUDRAMT
$2^{\circ}$ 1-2 drinks per week
$3^{\circ}$ 3-5 drinks per week
406-13 drinks per week
5014 or more drinks per week
2 In the past 5 years, have you stopped or substantially reduced your alcohol intake? 10 Yes 00 No 801 don't know TU5YSTOP

Is this primarily for health reasons?
TU5YHLTH
10 Yes 0 No 80 I don't know


Questions 1-5 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.

PQPTM BED
1 During the past month, what time have you usually gone to bed at night?
2 During the past month, how long (in minutes) has it usually taken you to fall asleep each night?


3 During the past month, when have you usually gotten up in the morning?

|  |  | 10 A.M. |
| :--- | :--- | :--- | :--- |
| 20 P.M. |  |  |

4 During the past month, how many hours of actual sleep did you get each night? (This may be different than the number of hours you spent in bed.)


5 For questions 5-9, mark the one best response. Please answer all questions. During the past month, how often have you had trouble sleeping because you...


## Draft



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


6 During the past month, how often have you taken medicine (prescribed or "over the counter") to help you sleep?

POPSLPM4
7 During the past month, how often have you had trouble staying awake while driving, eating meals, or engaging in social activity?

PQPTMWAK

8 During the past month, how would you rate your sleep quality overall? $0^{\circ}$ Very good $1^{\circ}$ Fairly good $\quad 2^{\circ}$ Fairly bad $\quad 3^{\circ}$ 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
$0^{\circ}$ No problem at all $1_{1} \mathrm{O}$ Only a slight problem $2_{2} \mathrm{O}$ Somewhat of a problem $3_{3} \mathrm{OA}$ very big problem

> | PQPSLMED |
| :--- |
| PQPSQUAL |
| PQPLATEN |
| PQPSLDUR |
| PQPINBED |
| PQPEFFCY |
| PQPEFFIC |
| PQDISTUR |
| PQDAYDYS |
| PQPSQI |
| PQBADSLP |



1 During the past 12 months, have you had any back pain?
a. How often were you bothered by back pain in the past 12 months? BHFREQ 40 All the time 30 Most of the time 20 Some of the time 10 Rarely 00 Never
b. When you have had back pain, how bad was it on average? 10 Mild 20 Moderate 30 Severe AARBHSERV
c. In what part of your back is the pain usually located? (Mark all areas that apply with an X on the diagram below)


2 In the past 12 months, have you limited your activites because of pain in your back? 10 Yes 00 No BHLIMIT

3 In the past 12 months, have you had pain in or around either hip joint, including the buttock, groin, or either side of the upper thigh, on most days for at least one month?
 00 No BHHIPJ
a. How would you rate your usual hip pain? 10 Mild 20 Moderate 30 Severe BHHIPPN
b. Have you limited your activities because of pain in either hip joint? 10 Yes 00 No

4 In the past 12 months, have you had pain, aching, or stiffness in either of your knees most days for at least one month?

$$
\begin{aligned}
& 10 \text { Yes } 00 \text { No BHKNEE } \\
& \downarrow
\end{aligned}
$$

a. How would you rate your usual knee pain, aching, or stiffness?

10 Mild2 0 Moderate30 Severe AARBHKNEPN
b. Have you limited your activities because of pain, aching, or stiffness in either knee? 10 Yes 00 No BHKNELM

5 In the past 12 months, have you had pain, aching, or stiffness in either of your shoulders most days for at least one month?
10 Yes
$\downarrow$
0 ONo
BHSHLD
a. How would you rate your usual shoulder pain, aching, or stiffness?
10 Mild 20 Moderate 30 Severe BHSHLPN
b. Have you limited your activities because of pain, aching, or stiffness in either shoulder?
10 Yes 00 No
BHSHLLM

The next three questions are about pain anywhere in your body IN THE PAST WEEK:
6 What number best describes your pain on average in the past week?

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | O |
| No pain |  |  | PN |  |  |  |  |  |  | Pain as bad as |

What number best describes how pain has interfered with your enjoyment of life during the past week?

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 0 | 0 | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| Does not interefere |  |  | PN |  |  |  |  |  |  | Completely interferes |

8 What number best describes how pain has interfered with your general activity during the past week?

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 <br> Does not <br> interefere | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 <br> Completely <br> interferes |

Instructions: On the following page, please indicate the level of physical and mental fatigue (i.e, tiredness, exhaustion) you expect or imagine you would feel when you complete the following activities. Fill in the bubble between 0 and 5 , where " 0 " equals no fatigue at all and " 5 " equals extreme fatigue.

Please mark "Yes" if you have done the activity in the past month and "No" if you have not done the activity in the past month. If you answer "No", make your best guess for the fatigue questions.

Be sure to fill out each column (Columns 1, 2, and 3) for every activity, even if you answer "NO" in Column 3. See example \#2 below. Please pay careful attention to the duration (e.g., 30 minutes) and intensity (e.g., moderate, brisk) of each activity.

| Examples: | $\underset{\substack{\text { No } \\ \text { fatigue }}}{\stackrel{\text { Physical }}{\rightleftarrows}} \underset{\substack{\text { Extreme } \\ \text { Fatigue }}}{\text { Fatigue }}$ |  |  |  |  |  |  |  |  |  |  | Have you done this activity in the past month? |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EXAMPLE ACTIVITY 1: | $\begin{array}{ll}0 & 1 \\ 0 & 0\end{array}$ | 2 | 3 | 4 | 5 |  | 1 | 2 | 3 | 4 | 5 | Yes | No |
| EXAMPLE ACTIVITY 2: | $\begin{array}{ll}0 & 1 \\ 0 & 0\end{array}$ | 2 | $3$ | 4 | 5 |  | 1 | 2 | 3 | 4 | 5 | Yes | $\begin{gathered} \text { No } \\ \bullet \end{gathered}$ |




COLUMN 1 COLUMN 2 COLUMN 3

|  |  |  | Have you done this activity in the past month? |
| :---: | :---: | :---: | :---: |
| 4 Heavy gardening or yard work for 1 hour (mowing (push), raking, weeding, planting, shoveling snow): | $$ | $\begin{array}{cccccc} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & \bigcirc & 0 & 0 & 0 & 0 \\ \\ \text { PFYARDM } \end{array}$ | $\begin{aligned} & \text { Yes No } \\ & p \text { O } \\ & \text { PFYARDA } \end{aligned}$ |
| (5) Watching TV for 2 hours: | 0 1 2 3 4 5 <br> 0 PFFRP 0 0   | $\begin{array}{cccccc} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & \text { PFPTVMM } & 0 & 0 & 0 \end{array}$ | Yes ${ }_{\text {Mo }}^{\text {MVA }}$ |
| 6 Sitting quietly for 1 hour: | 0 1 2 3 4 5 <br> 0 PFSITP $^{\circ}$ 0 0   | $\begin{array}{\|llllll\|} \hline 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & \text { PFSSITM } & 0 & 0 \\ \hline \end{array}$ | $\begin{gathered} \text { Yes No } \\ 10 \text { © } \\ \text { PFSITA } \end{gathered}$ |
| 7 Moderate- to high-intensity strength training for 30 minutes (hand-held weights or machines greater than 5 lbs., push-ups): | $\begin{array}{cccccc} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & 0 & 0 & 0 & 0 & 0 \\ \\ \text { PFTRNP } \end{array}$ | $\begin{array}{cccccc} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & 0 & 0 & 0 & 0 & 0 \\ & \\ & P F T R N M \end{array}$ | Yes No $\mathrm{O} \propto 0$ PFTRNA |
| 8 Participating in a social activity for 1 hour (party, dinner, senior center, gathering with family/ friends, playing cards, bridge): | $$ | $$ | $\begin{gathered} \text { Yes No } \\ \text { p © } \\ \text { PFSOCA } \end{gathered}$ |
| 9 Hosting a social event for 1 hour (not including preparation time): | $\begin{array}{llllll} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & 0 & \bigcirc & 0 & 0 & 0 \\ & \text { PFHOSTP } & & 0 \end{array}$ | $\begin{array}{cccccc} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & O & 0 & 0 & 0 & 0 \\ & \text { PFHOSTM } & & & 0 \end{array}$ | $\begin{array}{cc} \text { Yes No } \\ 10 & 0 \\ \text { PFHOSTA } \end{array}$ |
| 10 High intensity activity for 30 minutes (jogging, hiking, biking, swimming, racquet sports, aerobic machines, dancing, Zumba): | $\begin{array}{llllll} 0 & 1 & 2 & 3 & 4 & 5 \\ 0 & 0 & 0 & 0 & 0 & 0 \\ & & P F A C T P & & \end{array}$ | $$ | $\begin{aligned} & \text { Yes No } \\ & 10 \quad 00 \\ & \text { PFACTA } \end{aligned}$ |

## PLEASE MAKE SURE YOU COMPLETE EVERY QUESTION IN EVERY COLUMN, EVEN IF YOU SAID "NO" TO DOING AN ACTIVITY.

Functional Status

The following questions are about how well you are able to do certain activities, by yourself and without using any special aids.

1 Do you have ANY difficulty walking 2 or 3 blocks outside on level ground?


2 Do you have ANY difficulty climbing up 10 steps without resting?


3 Do you have ANY difficulty preparing your own meals?


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



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 doing your own shopping for groceries or clothes?


6 Do you have ANY difficulty managing money?
QLSHP1


7 Do you have ANY difficulty bathing or showering?


8 Do you have ANY difficulty getting in and out of beds or chairs?


Functional Status

Office Use OnlyMrOS ID\#

O MISSING


The following questions are about how well you are able to do certain activities, by yourself and without using any special aids.

9
Do you have ANY difficulty managing your medications? QLMED


How much difficulty do you have doing this? 10 Some difficulty 20 Much difficulty 30 Unable to do it QLAMEDLVL QLRMED1
Is this because of a health or physical problem?


QLMEDPR

Do you have ANY difficulty carrying or lifting 10 lbs.? ABCQL10P

How much difficulty do you have doing this?

QL10PLVL



| Office Use OnlyMrOS ID\# |  |  |  | Acrostic |  |  |  |  |  | ○ MISSING Staff ID\# |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

These questions refer to your activities within the PAST MONTH (prior to today): (Please note that if someone else drives you, helps you get on a bus, or assists you in some way, this would be considered needing help from another person.)
1 During the past four weeks, have you been to other rooms of your home besides the room where you sleep? ${ }_{1} \bigcirc$ Yes $0 \bigcirc$ No

LS1YN
LS1IND
a. How often did you get there? 10 Less than $1 /$ week $201-3$ times/week $304-6$ times/week 40 Daily
b. Did you use aids or equipment? 10 Yes 0 No LSIIND1
c. Did you need help from another person to get there? 10 Yes 00 No

2 During the past four weeks, have you been to an area outside your home such as your porch, deck, or patio, hallway (of an apartment building) or garage, in your own yard or driveway?

$$
10 \mathrm{Yes} 0 \mathrm{ONo} \quad L S 2 Y N
$$

LS2IND
a. How often did you get there? 10 Less than 1/week 20 1-3 times/week 304 4-6 times/week 40 Daily
b. Did you use aids or equipment? 10 Yes

0 No LS2IND1
LS2FQ
c. Did you need help from another person to get there? 10 Yes 0 O No LS2IND2

3 During the past four weeks, have you been to places in your neighborhood, other than your own yard or apartment building? $1 \bigcirc$ Yes 00 No LS3YN $\quad$ LS3IND
a. How often did you get there? ${ }_{1} \mathrm{O}$ Less than $1 /$ week $2^{\circ}$ 1-3 times/week ${ }_{3} \mathrm{O}$ 4-6 times/week $4_{4} \mathrm{O}$ Daily
b. Did you use aids or equipment? 10 Yes 00 No LS3IND1
c. Did you need help from another person to get there? 10 Yes 00 No

LS3IND2
4 During the past four weeks, have you been to places outside your neighborhood, but within your town? 1 Yes 00 No LS4YN

LS4IND
a. How often did you get there? 10 Less than $1 /$ week $201-3$ times/week $304-6$ times/week 40 Daily
b. Did you use aids or equipment? 10 Yes 00 No LS4IND1

LS4FQ
c. Did you need help from another person to get there? 10 Yes OO No LS4IND2

During the past four weeks, have you been to places outside your town? 10 Yes 00 HS 5 YN
a. How often did you get there? 10 Less than $1 /$ week $201-3$ times/week $304-6$ times/week 40 Daily
b. Did you use aids or equipment? 10 Yes 00 No LS5IND1
c. Did you need help from another person to get there? 1 O Yes 0 No LS5IND2

| LSC |
| :--- |
| LSIIII |
| LSE |
| LSM |
| LSI |
| LSID |

## Teng Mini-Mental



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."

TMTIMEM TM TEST
What time was the MiniMental test administered (start time)?


O A.M.
O P.M.

1 A. When were you born?

B. Where were you born? Place of Birth?

|  | Answer Can't dol <br> given** | Not <br> Refused <br> attempted |  |
| :---: | :---: | :---: | :--- |
| TMCITY | 10 | 20 | 30 |

## TMSTE

State/Country

* If answer is given, you wil ask again in question \#18

2 I am going to say three words for you to remember. Repeat them after I have said all three words:

Shirt, Blue, Honesty
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.

| Correct | Errorl | Not |
| :--- | :--- | :--- |
|  | Refused | attempted |

TMSA A Shirt
B. Blue

TMBL C. Ho
C. Honesty
D. Number of presentations necessary for the participant to repeat the sequence


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

B. Now I would like you to count backwards from 5 to 1. TMCNTBK


Record the response in the order given. Enter 99999 if no response.

4 A. Spell 'world'.
TMSPL
1 Able to spell


Say "Its spelled W-O-R-L-D"
B. Now spell world backwards ABETMSPWLD
$\square$
$\square$


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




6 TMTDA
A. What is today's date?


TMTDAYY


TMPゴA YD
B. What is the day of the week?

10 Correct TMDAYWK
20 Error/Refused
30 Not attempted day of the week
C. What season of the year is it?

10 Correct TMSEAS
20 Error/Refused $\qquad$
30 Not attempted

7 A. What state are we in?
10 Correct
20 Error/Refused
TMSTAT
30 Not attempted

## B. What county are we in?

10 Correct 20 Error/Refused TMCNTY
30 Not attempted

## C. What city/town are we in?

1O Correct
20 Error/Refused TMCITN
30 Not attempted
D. Are we in a clinic, store, or home?

O Correct
20 Error/Refused
TMWHRE
30 Not attempted

Teng Mini-Mental


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
A. Pencil: 'What is this?'
A. TMPENC Refused attempted

##  <br> 10

10 2 $3^{\circ}$
B. Watch: 'What is this?'

TMWTCH
C. Forehead: 'What do you call this part of the face?'

D. Chin: 'And this part?' TMCHN
E. Shoulder: 'And this part of the body?'

TMSHLD
F. Elbow: 'And this part?'

TMELB
G. Knuckle: 'And this part?'

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 'l want four-legged animals.' Do not correct for subsequent errors.

Score (total correct responses)


Record correct responses: TMSCR
$\qquad$
Record additional correct answers on a separate sheet.
10
A. In what way are an arm and a leg alike?

1 O Limbs, extremities, appendages
20 Lesser correct answer (e.g., body parts, both bend, have joints)
30 Error/Refused
40 Not attempted

## TMARLG

B. In what way are laughing and crying alike?

Expressions of feelings, expressions of emotions

## TMLCRY

C. In what way are eating and sleeping alike?

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

## TMETSL

11 Repeat what I say: 'I would like to go out.'

## 10 Correct

201 or 2 words missed
303 or more words missed
40 Not attempted


12 Now repeat: 'No ifs, ands or buts.'
Correct Error/ Not Refused attempted

| A. no ifs <br> TMIIF | 10 | 2 | $3^{0}$ |
| :--- | :--- | :--- | :--- |
| B. ands | 0 | 2 | $3^{0}$ |
| TMAND <br> C. or buts | 0 | 2 | $3^{0}$ |

## 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.' TMCRD1

10 Closes eyes without prompting
20 Closes eyes after prompting
30 Reads aloud, but does not close eyes
4 o Does not read aloud or close eyes/Refused
5 o Not attempted

14 Please write the following sentence: I would like to go out.

Correct Error/ Not Refused attempted

| A. would | 10 | 2 | 30 |
| :--- | :--- | :--- | :--- |
| TMWLD | 0 | 0 | 30 |
| B. like | 10 | 2 | 0 |
| C. to | 10 | 2 | 30 |
| TMTO | 10 | 2 | 30 |
| D. go | 10 | 2 | 30 |

Which hand does the participant use to write? If task not done, ask if they are right or left handed.

Right


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


 TMPCOR
B. Folds paper in half
$1^{0}$
 30
TMPFLD
C. Hands paper back
TMPHND
17 What three words did I ask you to remember earlier?
$\square$ $1^{\circ}$ Spontaneous recall $2^{\circ}$ Correct word, incorrect form
A. Shirt

TMSH2
$3 \bigcirc$ After 'Something to wear'
40 After 'Shirt, shoes, socks'
50 Unable to recall/refused
60 Not attempted

|  | $1 \bigcirc$ Spontaneous recall |
| :---: | :--- |
| B. Blue | $2 \bigcirc$ Correct word, incorrect form |
| TMBLU2 | 30 After 'A color' |
|  | $4 \bigcirc$ After 'Blue, black, brown' |
|  | 50 Unable to recall/refused |
|  | $6 \bigcirc$ Not attempted |

$1_{2}^{\circ}$ Spontaneous recall
ABITMHON2 Correct word, incorrect form
C. Honesty ${ }_{3}$ 4O After 'A good personal quality'
40 After 'Honesty, charity, modesty'
50 Unable to recall/refused
60 Not attempted

## 18 <br> Would you please tell me again where you

 were born?Does not
match/
Matches Refused

Not attempted


City or town
$\frac{\text { TMSTE2 }}{\text { State/Country }} 1^{\mathrm{O}} \quad 20 \quad 3^{0}$

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.

1 OVision TMDIFFVI
1 O Hearing TMDIFFHE
1 O Writing problems due to injury or illness
1 O lliteracy/Lack of education TMDIFF/L
1 O Language TMDIFFLA
1 O Other: TMMDIEEOT

| TMMFLAG |
| :--- |
| TMBDAY |
| TMREGIS |
| TMREVERS |
| TMRECALL |
| TMTEMPOR |
| TMSPACE |
| TMNAMING |
| TM4LEG |
| TMMSCORE |

## TMMFLAG

 TMBDAY TMREGIS TMREVERS TMRECALL TMTEMPORTMM14SC TMMS4SC TMM24SC TMM34SC TM M S24SC


Draft

Trail Making Task B


1 Was the participant able to complete the Sample Response Sheet? TBSAMP

Why not? 1 O Unable due to physical problems (hand tremor, cast, etc.)
TBWHYN 20 Participant did not understand directions 30 Other 4 O Participant Refused


#### Abstract

$1^{\circ}$ Did not complete sample test 2 Was the Trails B test administered? TBTEST 1 O Yes 0 O No $\downarrow$$\longrightarrow \begin{aligned} & 2 \mathrm{O} \text { Refused } \\ & 30 \text { Other }\end{aligned}$

\section*{TBTEWHYN}


What time was the Trails B test administered (start time)?



| Minutes/Seconds to Seconds Conversions |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Minutes | Seconds | Minutes | Seconds | Minutes | Seconds |
| 1:00 | 60 | 3:00 | 180 | 6:00 | 360 |
| 1:15 | 75 | 3:15 | 195 | 6:15 | 375 |
| 1:30 | 90 | 3:30 | 210 | 6:30 | 390 |
| 1:45 | 105 | 3:45 | 225 | 6:40 | 400 |
| 2:00 | 120 | 4:00 | 240 | 6:45 | 405 |
| 2:15 | 135 | 4:15 | 255 | 7:00 | 420 |
| 2:30 | 150 | 4:30 | 270 | 7:15 | 435 |
| 2:45 | 165 | 4:45 | 285 | 7:30 | 450 |
| 3:00 | 180 | 5:00 | 300 | 7:45 | 465 |
| 3:15 | 195 | 5:15 | 315 | 8:00 | 480 |
| 3:30 | 210 | 5:30 | 330 | 8:15 | 495 |
| 3:45 | 225 | 5:45 | 345 | 8:30 | 510 |

## Height \& Weight



1 Was STANDING HEIGHT measured? ${ }_{1} \cap$ Yes $0 \bigcirc$ No $\rightarrow$ Explain:
HWHEIGHT
a. Is the participant standing sideways due to kyphosis? PYes 0 O No

Measurement 1: $\square$ mm Measurement 2: $\square$ mm
b. Do Measurement 1 and Measurement 2 differ by $\mathbf{4}$ or more mm? ${ }_{1} \mathrm{O}$ Yes

ONO

Complete Measurements 3 \& 4

Measurement 3: $\square$ mm Measurement 4:
 mm

2 Was WEIGHT measured? ABKHWWE/GHT


| $H W 14 W P C$ |
| :--- |
| $H W 24 P W C$ |
| HW34WPC |
| HWD4WPC |
| HWS4WPC |
| HWS24PWC |


| $H W 14 W T$ |
| :--- |
| $H W D 4 W T$ |
| $H W S 4 W T$ |
| $H W 24 W T$ |
| $H W 34 W T$ |
| $H W S 24 W T$ |


| $H W B M I$ |
| :--- |
| $H W 14 B M I$ |
| $H W D 4 B M I$ |
| $H W S 4 B M I$ |
| $H W 24 B M I$ |
| $H W 34 B M I$ |
| $H W S 24 B M I$ |

> | HW14HT |
| :--- |
| HWD4HT |
| HWS4HT |
| HW24HT |
| HW34HT |
| HWS24HT |

## HWWT425

1 Was the SIDE-BY-SIDE STAND attempted? ${ }_{1} \mathrm{O}$ Yes 0 O No NFBSI

| Why not? NFBS/WH |  |
| :--- | :--- |
| 10 Participant could not hold position unassisted | 40 Participant unable to understand instructions |
| 20 Not attempted, examiner felt unsafe | 50 Participant refused |
| 30 Not attempted, participant felt unsafe | 60 Other (specify): |
|  |  |
|  | END BALANCE TESTS. |

2 Was side-by-side stand held for 10 seconds? 1 OYes 0 O No NFBSI10 PROCEED TO SEMI-TANDEM STAND.

Seconds Position Held:

$\square$ NFBSITM seconds

END BALANCE TESTS.

3 Was the SEMI-TANDEM STAND attempted?


## NFBSE

## Why not? ABLNFBSEWH

10 Participant could not hold position unassisted 40 Participant unable to understand instructions
20 Not attempted, examiner felt unsafe 50 Participant refused
30 Not attempted, participant felt unsafe 60 Other (specify):

END BALANCE TESTS.

4 Was semi-tandem stand held for 10 seconds? 1 OYes 0 O No NFBSE10



5 Was the TANDEM STAND attempted? 10 Yes 0 O No NFBTA
${ }_{4}$ O Participant unable to understand instructions $5^{\circ}$ Participant refused $6^{\text {O Other (specify): }}$ $\qquad$ -

6 Was tandem stand held for 10 seconds?


NFBTA10

Office Use Only--

| Ocrostic |
| :--- |
| MrOS ID\# |


|  | Staff ID\# |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |

## EXCLUSION CRITERIA:

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


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


| Office Use Only-- |
| :--- |
| Acrostic |
| MrOS ID\# |
| \begin{tabular}{\|l|l|l|l|l|l|l|l|l|l|l|l|l|}
\hline
\end{tabular} |

## INTRODUCTION/SCREENING QUESTIONS

1 Ask the participant: Do you use any walking aids, such as a cane? $1_{1}$ O No aids 2 O Cane or quad cane $3_{3} \mathrm{O}$ Walker, wheelchair, leg brace, crutches NFAIDS

2 Does the participant have any of the following? If you are uncertain about one of following conditions, ask the participant. (Mark all that apply)
-10 Orthosis -10 Missing limbs -10 Prosthesis - 10 Paralysis of extremity or side of body NF MIMB. imbs -10 Prosthesis - 10 Pa
NFPARALY
NFPROTHE NFORTH
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

$$
\begin{aligned}
& 1 \mathrm{O} \mathrm{Yes} \longrightarrow \\
& 0 \mathrm{O} \mathrm{No}
\end{aligned}
$$

Tell the participant: "Before we do each test, l'll describe it to you. Please tell me if you think that you shouldn't attempt the test because of the problems you described."

## SINGLE CHAIR STAND

4 Could the participant stand up one time unassisted? NF1STAND1


## REPEATED CHAIR STANDS

5 Did the participant complete all 5 stands? NF5STAND


NFSTDARM


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

NFARMU5B Walk


## SIX METER USUAL PACE

1 Did the participant complete Trial 1?
10 Yes 20 No, participant attempted but unable 30 No, unable to assess $\downarrow$

NFWLKNA1

## Record time and

 number of steps: $\square$ seconds steps Aid used: $0^{\circ}$ No aid 10 Straight cane 20 Quad cane ${ }_{3} 0$ Walker 40 Crutch NFWLKAD1

2 Did the participant complete Trial 2?
NFWLKNA2
10 Yes 20 No, participant attempted but unable 30 No, unable to assess


NFWLKAD2
NFSTPLGT
NFWLKSPD NF6MWTM NF6MPACE

NF6MPACA NF6MABLE

| NF14STL | NF14WKS | NF146MT | NF146MP |
| :--- | :--- | :--- | :--- |
| NFD4STL | NFD4WKS | NFD46MT | NFD46MP |
| NFS4STL | NFS4WKS | NFS46MT | NFS46MP |
| NF24STL | NF24WKS | NF246MT | NF246MP |
| NF34STL | NF34WKS | NF346MT | NF346MP |
| NFS24STL | NFS24WKS | NFS246MT | NFS246MP |

1 Was the 400 meter walk test attempted?

a. What is the length of one lap $\sqrt{F F 4 A L} T$ for the alternative course? $\square$ meters
b. What type of alternative course was used?

NF4ALCTT O Back and Forth 20 Circular
Cross off each lap number as the lap is completed and record time that first foot crosses the finish line (record split time):

For every lap, offer standard encouragement and call out the number of laps completed and number remaining: "You're doing a good job. You have completed laps and have

After Lap 4: Please tell me how hard you feel you are working right now. Is it: 10 Light 20 Somewhat hard 30 Hard 40 Very hard
NF4LAP4
"I would like to remind you to walk at your usual pace without overexerting yourself. If you develop chest pain or significant shortness of breath, or are too uncomfortable to continue, please stop walking and tell me. If you need to, you may stand in place and rest for a few seconds."

## NF4EXEREX NF4TOTAL NF4FLAG

NF4WLKSPD
$\qquad$ to go."

Record Hundredths
Split Times:


Rests: Use

space to track \# of rest stops. NF4TIME1 NF4TIME2 NF4TIME3 NF4TIME4 NF4TIME5 NF4TIME6 NF4TIME7 NF4TIME8 NF4TIME9 | NF4TIME10 |
| :--- |
| NF4TIM E11 |




4 Tell the participant: "Please tell me how hard you feel you worked during the walk on a scale from 6 to 20, where 6 represents no exertion at all and 20 represents maximal exertion."
RPE on Borg Scale at 400 meters or at stop:


## NF4RPE

5 Sitting pulse at 400 meters or at stop:
 NF4PUL beats per 30 seconds

6 Did the participant complete all 400 meters of the 10 Yes $\longrightarrow$ GO TO QUESTION 7. "400-meter walk"?

a. Number of full laps completed:


NF4FULL laps
b. How many additional meters did the participant walk after the last full completed lap? (Round up to the next full meter)


## NF4ADDM

 metersc. Time at test discontinuation:

d. Reasons for not completing all 10 laps: (Mark all that apply)

1 O Participant requested to rest for longer than 60 seconds NF410L1
1 O Participant requested to rest and leaned on a surface for a second time NF410L2
1 O Participant requested assistive device, other than cane NF410L3
1 O Participant requested to stop NF410L4
1 O Other (Please specify): NF410L5
e. Why did you feel you couldn't continue? (Mark all that apply)

NF4CON6
1 O Chest pain, tightness, or pressure
1 O Troubiepreatning or shortness of breath
1 O Feeling faint, Nightheaded or dizzv3
1 O Feeling too uncomfortable to continue
-10 Numbness or tingling in legs or feet
-10 Leg cramps or leg painNF4CON7
-10 FatigueNF4CON8
-10 Other: NF4CON9
NF4CON5
f. Did the participant take any rest stops during the 400 m walk? 10 Yes 00 No NF4RE1
How many times? 101 202 303404505 or more
NF4RE1T
GO TO NEXT EXAM.


NOTE: Questions 7-9 should only be answered if all 400 meters of the "400 Meter Walk" was completed by the participant.
(7) Did the participant take any rest stops during the 400 m walk? 1 ○ Yes $0_{0} \mathrm{O}$ No NF4RE2 NF4RE2T

8 Ask participant: "Is there anything bothering you?" 1 O Yes 0 O No NF4BOTR
Mark all participant-reported symptoms that apply:
NF4BOT5
10 Chest pain, tightness, or pressient 1 O Numbness or tingling in legs or feet
10 Trouble breathing or shortness oi breath
 10 Knee, hip, calf, or back paîlF4BOT4

1 O Leg cramps or leg pain NF4BOT6 1 O Fatigue NF4BOT7
1 O Other: $\qquad$ NF4BOT8

9 Did the examiner observe any symptoms at the end of the $\mathbf{4 0 0}$ Meter Walk?


Mark all observed symptoms that apply:4SYM2
1 o Shortness of breath
1 O Wheezing/dyspnea
1 O Unsteadiness
_A/E4S-YAA4
10 Sweating ANE $=4$ SKA. 5

## NF4SYM3

1 O Signs of discomfort
1 O Other (specify): NF4SYM6


Draft


## SCREENING QUESTIONS

1 Did the participant attempt the force plate measure?
a. Was it not attempted because of health reasons? $\square$
1 OYes $\qquad$ $\mathrm{O}_{\downarrow}^{\mathrm{O}} \mathrm{No}$

Please specify (Mark all that apply):
10 Unable to walk or stand with or without an aid
10 Had surgery in spine or lower extremity in past 6 months 10 H


## FPHKNE6

10 Knee replacement in past 6 months 1 O Hip replacement in past 6 mphth $H /{ }^{2}$ 1 O Reports severe pain prior to test FPHPAIN
b. Was it not attempted because of other reasons?

| Please specify | 1 O Shortened clinic visit |
| :--- | ---: | :--- |
| (Mark all that apply) 1 O Computerequmpent failure |  |
| 1 O Examiner deems |  |
| $\downarrow \quad$ FPOSA unsafe |  |

Yes OO No FPOTHRS
1 O Cannot perform test without orthotics
1 O Refused FPOREF
1 O Other: EPOOTHR
Please specify (Mark all that apply): $\bigcirc$ Balance issues ${ }_{1} \bigcirc$ Cannot step onto plate ${ }_{1} \bigcirc$ Other:

## CALF RISE TRIALS

FPOUNOT $\downarrow$ GO TO NEXT EXAM.

FPOUNST

2 Did the participant complete all 3 calf rise trials and is able to continue to the practice jump
$\qquad$

How many calf rise trials were saved?
O 1 ○ 2 O3 OTrials not saved

GO TO QUESTION 9 \& 10
a. Why not?
O Severe pain
O Unable to understand instructions
O Unable
O Refused calf rises
O Refused practice jump trials
O Other: $\qquad$
b. How many calf rise trials were attempted?

O 1 ○ 2 ○
c. How many calf rise trials were saved?

## PRACTICE JUMP TRIALS

$$
01 \bigcirc 2 \bigcirc 3 \bigcirc \text { Trials not saved }
$$

3 Did the participant report any pain after the demonstration of or during the practice jump trials? O No O Yes, not severe and able to continue O Yes, severe and test stopped
$\qquad$
4 Did the participant understand instructions after the practice jump trials?



## JUMP TEST TRIALS

5 Was Trial 1 attempted? O No $\rightarrow$ Why not? O Unable O Refused

| $\begin{aligned} & \text { OYes } \\ & \downarrow \end{aligned}$ |  |  |
| :---: | :---: | :---: |
| Were there any protocol issues? |  |  |
| Mark all that apply: | O Required stabilization from spotter before/ during jump | O Required stabilization from spotter after jump |
|  | O Broken movement | O Testing/technical issue |
|  | O Failed to maintain a still position prior to "Go" | O Other deviation: |
|  | O Lost balance after landing | O Trial not saved |

6 Was Trial 2 attempted?


Refused
Severe pain, Why not? O Unable test stopped


Mark all O Required stabilization from spotter before/ that apply:
during jump
O Broken movementFailed to maintain a still position prior to "Go"
O Lost balance after landing

Required stabilization from spotter after jump
O Testing/technical issue
O Other deviation:
O Trial not saved

7 Was Trial 3 attempted? ○ No $\rightarrow$ Why not? O Unable O Refused O Severe pain,


| Were there any protocol issues? | O Yes O No <br> $\downarrow$ |  |
| :--- | :--- | :--- |
| Mark all <br> that apply: | O Required stabilization from spotter before/ <br> during jump <br> O Broken movement | O Required stabilization from spotter <br> after jump |
| O Failed to maintain a still position prior to "Go" <br> O Lost balance after landing | O Testing/technical issue <br> O Othial not saved |  |

8 Were there any protocol issues in Trials 1, 2, or 3? O Yes O No O O Test stopped before
$\downarrow$

| a. Was Trial 4 attempted?$00 \mathrm{No} \rightarrow$$10 \mathrm{Yes}$ |  | Why not? <br> O Unab <br> O Sever <br> test |  O Refused <br> pain, <br> O Examiner deemed <br> test unsafe |
| :---: | :---: | :---: | :---: |
| Were there any protocol issues? |  |  |  |
| Mark all that apply: | O Required stabilization from during jump Broken movement Failed to maintain a still po Lost balance after landing | spotter before/ <br> position prior to "Go" | Required stabilization from spotter after jump Testing/technical issue Other deviation: $\qquad$ Trial not saved |

b. Was Trial 5 attempted?

| O No $\longrightarrow$Why not? O 3 valid trials <br> O Yes <br> O Severe pain, O Unable <br> test stopped |
| :--- |
| Examiner deemed <br> test unsafe |


| Were there any protocol issues? $\quad$ O Yes O No |  |  |
| :--- | :--- | :--- | :--- |
| Mark all <br> that apply: | O Required stabilization from spotter before/ <br> during jump <br> O Broken movement | O Required stabilization from spotter <br> after jump |
|  | O Failed to maintain a still position prior to "Go" <br> O Testing/technical issue <br> O Other deviation: |  |
| O Lost balance after landing |  |  |

9 Were any of the trials performed with stocking or bare feet due to inappropriate footwear (e.g., loose fitting footwear, sandals, orthotic devices)?

## 10 Yes 00 No FPFEET

10 Did the participant report any pain from the trials?
 0 ONo FPPAIN

## a. Please indicate location of pain (Mark all that apply):

1 O Back
10 Hip 10 Knee
OAnkle
1 O Other:FPPOTHR

FPPBACK $\frac{1}{\text { O Back }} 1$ Hip 1 OKnee OAnke 1 FPoot
FPPBACK $\frac{1}{K}$ Back 1 FPIp 1 OKnee OAnke 1 Foot
b. Please indicate severity of pain at the location that is most severe:

| 00 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| NO |  |  |  | $F P P L V L$ |  |  |  |  | SEVERE |  |
| PAIN |  |  |  |  |  |  |  |  |  | PAIN |



## BLOOD PRESSURE


2 Was second sitting blood pressure obtained?


00 No BPBP2
BPBPDIAM

## SITTING MEASUREMENT 2

Systolic O Systolic Error
 mmHg

Diastolic O Diastolic Error
 mmHg

3 Cuff Size for BpTru: 0 O Child $\xlongequal[1]{ }$ Small 20 Regular $3_{3}$ Large $\wp$ Extra Large BPTRCF
4 Arm Used: 10 Right 20 Left $\longrightarrow$ BPARM
5 Was an alert noted? $1_{\downarrow} \mathrm{O}$ Yes 0 No BPBPALT
Complete the Blood Pressure section on the Medical Alert Form

## RADIAL PULSE

6 Was Pulse Obtained? ${ }_{1}$ Y Yes 0 O No
a. Measurement 1:
b. Measurement 2:

beats per minute
beats per minute
c. Total
(Measurement 1 + Measurement 2):


HWPULSEM average beats per minute
d. Was an alert noted? ${ }_{1} \mathrm{O}$ Yes 0 ONo HWPULAL

Complete the Heart Rate section on the Medical Alert Form


1 Was a bone density measurement obtained for the whole body? DXWB

DXDATA

Last 2 characters of scan ID \#: $\square$

2 Which hip was scanned at the MrOS baseline visit?
${ }_{1}$ O Right ${ }_{2}$ O Left
DXHPSID1

3 Which hip was scanned at this visit?
$1^{\circ}$ Right
2 Left
O Hip Not Scanned
DXHPSID2

4 Was the same hip scanned at the baseline visit and this visit?


5 Date of scan(s):


6 Temperature of room during scan:


DXQDTEM P
degrees Celsius

Draft

| Office Use Only-MrOS ID\# |  |  |  | Acrostic |  |  |  |  |  | MISTAFI IS\# |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

1 Did the participant complete the Block FFQ? $\rho$ Yes

| Block FFQ <br> ID number: |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\mathrm{No} \longrightarrow$ Why not?


2 Did the participant agree to provide a stool sample? MISTDATA MIWHYN MIAGREE O No $\rightarrow \begin{aligned} & \text { W } \\ & -\mathrm{O}\end{aligned}$ Why not? MIIAGREW 2 Refused 2 Other:
A. Ask the participant: "Have you been on a special diet during the past year?"

a. Indicate which special diets the participant has been on during the past year: (Mark all that apply.)

| O Low fat diet | O High protein diet | O Weight loss diet | O Vegetarian |
| :---: | :---: | :---: | :---: |
| O Low cholesterol diet | O High fiber diet | O Liquid diet to gain weight | O Other diet. Please specify: |
| O Low carbohydrate diet | O Low fiber diet | O Liquid diet to lose weight |  |
| O Low salt diet | O High potassium diet | O Diabetic diet |  |
| b. Indicate which special diets the participant has been on during the past two weeks: (Mark all that apply.) |  |  |  |
| O Low fat diet | O High protein diet | O Weight loss diet | O Vegetarian |
| O Low cholesterol diet | O High fiber diet | O Liquid diet to gain weight | O Other diet. Please specify: |
| O Low carbohydrate diet | O Low fiber diet | O Liquid diet to lose weight |  |
| O Low salt diet | O High potassium diet | O Diabetic diet | O No special diet in the past two weeks |

B. Did the participant take any antibiotics within the two weeks prior to the clinic visit?

O Yes O No

Are these antibiotics listed on the Medication Inventory form? O Yes $\mathrm{O} \mathrm{No} \longrightarrow$| PLEASE ADD NAMES OF |
| :---: |
| ANTIBIOTICS TO MIF. |

C. Did the participant send their stool sample to OHSU?
a. Date of sample collection:


Month


Day


Year
c. Affix vial label:

b. Time of sample collection:


Hours


Minutes

O am
O pm
MISAT


Why not?
O Refused O Other:

O Unknown

1 Was any blood drawn? O Yes $\mathrm{ONo} \longrightarrow$ SCBLOOD1

## Reason: SCWHYN

 10 Refused, did not provide consent 30 Unable 20 Refused, other2 Was a fasting sample collected? O Yes O No SCFAST

4
Time of blood draw:
 Hours


O am O pm

3 Time of last meal:


O am Hours Minutes
5 Date of Lab Processing:


| Vial \#1:(Clear/0.5 mL serum) | Complet | O | O | /partial | O Not filled |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Vial \#2:(Clear/0.5 mL serum) | O Complete | O Hemolyzed | $\bigcirc \mathrm{P}$ | O Hemolyzed/partial | O Not filled |
| Vial \#3.(Clear/0.5 mL serum) | O | OHemoly | O | O Hemolyzed/partial | d |
| Vi | O Complete | O Hemolyzed | O Partia | O Hemolyzed/partial | d |
| Vial \#5:(Clear/0.5 mL serum) | O Complet | $\bigcirc$ | $\bigcirc$ | O Hemolyzed/partial | ed |
| Vial \#6:(Clear/0.5 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | O Hemolyzed/partial | O Not filled |
| Vial \#7:(Clear/0.5 | O Comp | O Hemoly | $\bigcirc$ | O Hemolyzed/partial | O Not filled |
| Vial \#8:(Clea | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | O Hemolyzed/partial | d |
| Vial \#9:(Clear/0.5 mL serum | O Comp | O Hemoly | O Partia | O Hemolyzed/partial | iled |
| Vial \#10:(Clear/0.5 mL serum) | O Complete | O Hemolyze | O Par | O Hemolyzed/partial | O Not filled |
| Vial \#11:(Clear/0.5 mL serum) | O Complete | O Hemolyzed | O Part | O Hemolyzed/partial | led |
| Lavender: (2.0 mL whole blood) | O Complete | O Partial | O Not fil |  |  |
| Vial \#12: (Brown/1.0 mL plasma) | O Complete | O Hemolyzed | O Partial | O Hemolyzed/partial | O Not filled |
| Vial \#13: (Brown/1.0 mL plasma) | O Complete | O Hemolyzed | O Partial | O Hemolyzed/partial | O Not filled |
| Via | O Complete |  |  | d/p |  |

6 Ending time of laboratory processing:


O am
Opm


8 Did participant provide consent for future genetics studies?
O Yes ONo

Affix barcode label:
$\square$ Draft

Urine Collection \& Processing

1 Was urine collected at clinic visit? 10 Yes OO No SCURINE
Reason: ${ }_{1}$ O Refused, did not provide consent 20 Refused, other 30 Unable SCUWHY 40 Other: $\qquad$
A. Date of specimen collection:


Month

B. Time participant collected specimen:
C. What void was this?

O 1st
O 2nd
O $>2 n d$
D. Time of last meal:


Hours $\square$ O am
Minutes


## Activity Monitor <br> Checklist

| Office Use Only-- |
| :--- |
| O |
| MrOS ID\# |
| Acrostic |
| \begin{tabular}{\|l|l|l|l|l|l|l|l|l|l|l|l|l|}
\hline
\end{tabular} |

1 Did the participant receive an activity monitor?

a. Does the participant wear a pacemaker or defibrillator?


Is it compliant?
10 Yes
AMPACEC



Participant should not wear an activity monitor.
b. Serial Number:

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

0 O No V4AMRCV

## Why not?

80 Refused
1 O Cognitive Impairment
$2^{\circ}$ Physical/Medical Problem
9 O Non-compliant pacemaker/defibrillator $3^{\circ}$ No device available/Schedule problem 4 O Right Arm Disability/Amputation 5 O Oxygen Use
60 Oxygen Use by Spouse/Household Member $10^{\circ}$ Unknown parameters (unknown weight, height, handedness, and/or smoking status)
70 Other

## V4AM WHYN

Status of Participant:
O Seen in clinic
$\downarrow$
a. Height: $\square$ feet $\square$ inches
b. Weight: $\square$ pounds

4 Does the participant currently smoke a pipe or cigars regularly? O Yes O No
5 Handedness: 1 O Right-handed 20 Left-handed AMHAND
6 Date and time the device was initialized:


Month


Day


Year


Hours


O am
O pm
Minutes

7 Date returned to clinic:


8 Number of days participant wore the activity monitor (from 1st day to final day-include interim days even if not worn): $\square$ days

9 Was the activity diary completed?

V4AMDRY


Why not? $\rceil \bigcirc$ Refused V4AMDRYN

Draft
Office Use Only-
MrO

MrOS ID\# $\quad$\begin{tabular}{c}
Acrostic

$\quad$

CRSTAFF <br>
Staff ID\#
\end{tabular}

DOSE ADMINISTRATION:

1) Did the participant take a $\mathbf{3 0} \mathbf{m g}$ dose of $1 \mathrm{O} \mathrm{Yes} 0^{\mathrm{O}} \mathrm{No} \longrightarrow$ labeled creatine?

CRDOSE
Reason:- Refused 30 Forgot to take dose 20 Other: CRDOSW
A. Date of dose administration:
B. Time of dose administration:
C. Where was dose administered?

O am
O pm
O Home O Clinic
D. Batch Number:


## URINE COLLECTION:

2 Did the participant provide a urine sample 3-6 days (between 72-144 hours) after dose administration?
O Yes $\quad$ O No $\longrightarrow$ Reason: O Refused $\quad$ O Forgot to provide sample within window O Other:
A. Date of urine collection:
O Date Unknown


Month


Day


Year
B. Time of urine collection: $\bigcirc$ Time Unknown


Hours


Minutes
C. What void was this?

O 1st O2nd O 3rd
$O>=4$ th

If 1st void or non-fasting, do not send to lab.
E. Enter ID from cryovial label:
G. Time of meal preceding collection:


Hours


Minutes
Affix cryovial label:

F. Date of meal preceding collection:


Month


Day


Year

O Yes
O No
D. Was sample fasting? O Home $\downarrow$

O Other: $\qquad$

1. How was sample received?

2. Was sample received on expected day of delivery, drop-off, or pick-up?


O Yes
O No
O Frozen O Partly thawed
4. What is the condition
O C
(Do NOT send to lab)
O Not applicable/ of the gel packs?
O No leakage
O Partly leaked
O Completely leaked or not included
(Do NOT send to lab)
I. Were there any other problems with the sample?


Please describe: $\qquad$ $\longrightarrow$ Contact CC about sending to lab.
J. Was urine aliquoted for shipment to central lab?


## Were any of the HRpQCT scans obtained for this participant?

## HQSCAN

${ }_{1}$ O Yes $0 \mathrm{ONo} \longrightarrow$ Reason: ${ }_{1} \mathrm{O}$ Unable 2 O Refused $3_{3} \mathrm{O}$ Scanner Unavailable 4 O Other:
1 Patient Number/Sample Number:

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

2 Was a DISTAL RADIUS scan obtained?

10 Yes 70 No, refused 00 No, unable HQRAD

Mark all that apply:
IO History of fracture on both sidesHQRADUF O Hardware on both sidesHQRADUH 1 O Other: $\qquad$ HQRADUO
A. Ulnar length:
B. Participant's dominant hand:
C. Date of distal radius scan:
$\square$ O Left O Right

Month

Day

D. Which side was scanned?

O Left
O Right
E. Was the non-dominant side scanned? O Yes

F. Measurement Number:


## Mark all that apply:

O History of fracture
O Hardware
O Other: $\qquad$
G. Image Quality: ○ 1 ○ 2


Comments: $\qquad$

REPEAT SCAN \#1
O Refused
H. Measurement Number:

I. Image Quality:
$01 \quad 02 \quad 03$


## REPEAT SCAN \#2

O Refused
J. Measurement Number:
K. Image Quality:
$\begin{array}{lllll}\text { O1 } & \text { O2 } & \text { O3 } & \text { O4 } & \text { O5 }\end{array}$

Comments: $\qquad$

3 Were any of the TIBIA scans obtained?
10 Yes 70 No , refused 00 No , unable $-\frac{1}{1}$
Mark all that apply: HOTIBUF
HOTIBUH
1 O History of fracture on both sides 10 Hardware on both sides

O non-weight bearing for 6 weeks or more in past 12 months (both sides) HQTIBUS $\downarrow \quad H Q T \| B$

A. Tibia length:
B. Participant's dominant foot:
C. Which side was scanned?

O Left
O Right


O Left O Right
D. Was the non-dominant side scanned? O Yes O No
E. Was a DISTAL TIBIA scan obtained?

10 Yes 70 No, refused 20 No, other: $\qquad$
Mark all that apply:
O History of fracture,




O Injury or surgery related non- 10 Other: or more in past 12 months $H O T I B D S$

1. Date of distal tibia scan:


Month


Day


Year
2. Measurement Number:
3. Image Quality:

O 1
○ 2


REPEAT SCAN \#1
O Refused
Comments:
4. Measurement Number:

5. Image Quality:

O 1 ○ 2


REPEAT SCAN \#2
O Refused
6. Measurement Number:

7. Image Quality:
O
1 ○ 2
O 3
O 4
05

## Comments:

$\qquad$
F. Was a PROXIMAL TIBIA

O Yes
O No, refused
O No, software/cast unavailable
O No, other: $\qquad$ scan obtained?
$\perp$

1. Date of proximal tibia scan:


Month


Day

2. Measurement Number:
3. Image Quality:

O 2

5. Image Quality: Number:


O 1 ○ 2

7. Image Quality:

O 1 O2 O 3

Comments: $\qquad$ -

Please answer the following 10 items about yourself by indicating the extent of your argreement using the following scale. Be as honest as you can throughout, and try not to let your response to one item influence your response to other items. There are no right or wrong answers.
(1) In uncertain times, I usually expect the best. PEEXPCT

10 Disagree strongly 20 Disagree 30 Neutral 40 Agree 50 Agree StrBFigPSCOR PECOSCOR
2 It's easy for me to relax. PERELAX
$1_{1}^{\circ}$ Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ Neutral $4^{\circ}$ Agree $5^{\circ}$ Agree Str

3 If something can go wrong for me, it will.

## PEWRONG

$1_{1}$ O Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ O Neutral 40 Agree $5^{\circ}$ Agree Stromgitiva
4 I'm always optimistic about my future.
PEOPTIM
$1_{1}^{\circ}$ Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ Neutral 40 Agree $5^{\circ}$ Agree Strongly
5 I enjoy my friends a lot. PEFRNDS
10 Disagree strongly 20 Disagree $3^{\circ}$ ONeutral 40 Agree $5^{\circ}$ Agree Strongly
6 It's important for me to keep busy. PEKEEPB
$1_{1}^{\circ}$ Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ O Neutral $4^{\circ}$ Agree $5^{\circ}$ Agree Strongly
7 I hardly expect things to go my way. PEMYWAY
10 Disagree strongly 20 Disagree $3_{3} 0$ Neutral 40 Agree $5^{\circ}$ Agree Strongly
8 I don't usually get upset too easily. PEUPSET
$1_{1}^{\circ}$ Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ Neutral 40 Agree $5^{\circ}$ Agree Strongly
9 I rarely count on good things happening to me. PERARE
$1_{1}^{\circ}$ Disagree strongly 20 Disagree $3_{3} 0$ Neutral 40 Agree 50 Agree Strongly
10 Overall, I expect more good things to happen to me than bad. PEMOREG $1_{1}^{\circ}$ Disagree strongly $2^{\circ}$ Disagree $3^{\circ}$ Neutral $4^{\circ}$ Agree $5^{\circ}$ Agree Strongly

Personality Questionnaire

During their lives, people cannot always attain what they want and are sometimes forced to stop pursuing the goals they have set. We are interested in understanding how you usually react when this happens to you. Please indicate the extent to which you agree or disagree with each of the following 10 items, as it usually applies to you.

## "If I have to stop pursuing an important goal in my life..."

(1) It's easy for me to reduce my effort towards the goal.

PEGREDU 10 Disagree strongly 20 Disagree 30 Neutral 40 Agree 50 Agree Strongly
2) I convince myself that I have other meaningful goals to pursue. PEGCONV p Disagree strongly 20 Disagree $\wp$ Neutral 4 Agree $\rho$ Agree Strongly
(3) I stay committed to the goal for a long time; I can't let it go. PEGCOMM PD Disagree strongly 20 Disagree $\wp$ Neutral 4 Agree $\wp$ Agree Strongly

I start working on other new goals to pursue. PEGWORK
10 Disagree strongly 20 Disagree 30 Neutral 40 Agree 50 Agree Strongly
5 I think about other new goals to pursue. PEGOTHR
10 Disagree strongly 20 Disagree 30 Neutral $4 \circ$ Agree 50 Agree Strongly
6 I find it difficult to stop trying to achieve. PEGDIFF
PDisagree strongly 20 Disagree $\wp$ Neutral 4 Agree $\rho$ Agree Strongly
7 I seek other meaningful goals. PEGSEEK
$\uparrow$ Disagree strongly $\otimes$ Disagree 9 Neutral $\$$ Agree 9 Agree Strongly
(8) It's easy for me to stop thinking about the goal and let it go. PEGEASY p Disagree strongly 20 Disagree $\wp$ Neutral 4 Agree $\rho$ Agree Strongly
9 I tell myself that I have a number of other new goals to draw upon, $p$ Disagree strongly 20 Disagree $\wp$ Neutral 4 Agree $\lesseqgtr 0$ Agree Strongly

10 I put effort toward other meaningful goals. PEGEFFO p Disagree strongly 20 Disagree $\rho$ Neutral 4 Agree $\rho$ Agree Strongly

The next 18 phrases describe people's behaviors. Please fill in the box that corresponds with how accurately each statement describes you. Describe yourself as you generally are now, not as you wish to be in the future. Describe yourself as you honestly see yourself, in relation to other people you know of the same sex as you are, and roughly your same age. Remember, your responses will be kept in absolute confidence, so that you can describe yourself honestly.

1 Am always prepared.

10 Very Inaccurate 20 Moderately \begin{tabular}{c}
Inaccurate <br>
In

 

30 Neither <br>
Inaccurate <br>
nor Accurate
\end{tabular}

2 Leave my belongings around.
$\wp$ Very Inaccurate 2 Moderately

PEBLEV
§ Neither $\uparrow$ Moderately $\rho$ Very Accurate Inaccurate Accurate nor Accurate
3) Pay attention to details.

○ Very Inaccurate 2 Moderately
PEBATTN
> $\mathcal{P}$ Neither $\uparrow$ Moderately $\rho$ Very Accurate Inaccurate Accurate nor Accurate

4 Make a mess of things.

10 Very Inaccurate 20 Moderately \begin{tabular}{c}
Inaccurate

 

30 Neither <br>
Inaccurate <br>
nor Accurate
\end{tabular}

5 Get chores done right away. 10 Very Inaccurate 20 Moderately 30 Neither 40 Moderately 50 Very Accurate Inaccurate PEBCHOR Inaccurate Accurate nor Accurate

6 Often forget to put things back in their proper place.
10 Very Inaccurate 2 PEBFORG Inaccurate
30 Neither 40 Moderately 50 Very Accurate Inaccurate Accurate nor Accurate

7 Like order.


8 Shirk my duties.
10 Very Inaccurate 20 Moderately Inaccurate
PEBDUTY
$3^{\circ}$ Neither 40 Moderately 50 Very Accurate Inaccurate Accurate nor Accurate

9 Follow a schedule.

10 Very Inaccurate 20 Moderately Inaccurate
PEBSCHE
> $3^{\circ}$ Neither $4^{\circ}$ Moderately 50 Very Accurate Inaccurate Accurate nor Accurate
10) Am exacting in my work.

10 Very Inaccurate $20 \begin{gathered}\text { Moderately } \\ \text { Inaccurate }\end{gathered}$
PEBEXAC
> $3^{\circ}$ Neither $4^{\circ}$ Moderately 50 Very Accurate Inaccurate Accurate nor Accurate

11 Am always busy.

10 Very Inaccurate 20 Moderately \begin{tabular}{c}
30 Neither <br>
Inaccurate <br>
Inaccurate

${ }^{4 \circ}$

Moderately <br>
Accurate
\end{tabular} 50 Very Accurate

## PEBBUSY

12 Like to take my time.


13 Do a lot in my spare time.
$1 \circ$ Very Inaccurate 20 Moderately $3^{\circ}$ Neither $4^{\circ}$ Moderately 50 Very Accurate PEBSPAR Inaccurate Inaccurate Accurate nor Accurate

14 Let things proceed at their own pace.
10 Very Inaccurate 20 Moderately $3_{3} 0$ Neither 40 Moderately 50 Very Accurate PEBPACE Inaccurate Inaccurate Accurate nor Accurate

15 Like to take it easy.

| 10 Very Inaccurate 20 ModeratelyInaccurate <br> PEBEASY30 Neither <br> Inaccurate <br> nor Accurate |
| :--- |
| 0 Accurate |

16) Am always on the go.

10 Very Inaccurate 20 Moderately \begin{tabular}{l}
Inaccurate

 

30 Neither <br>
Inaccurate <br>
nor Accurate
\end{tabular}

PEBONGO Accurate

17 Like a leisurely lifestyle.

| 10 Very Inaccurate <br> 20 Moderately <br> PEBLEIS | 30 Neither <br> Inaccurate <br> Inaccurate <br> nor Accurate |
| :---: | :---: | | 40 Moderately |
| :---: |
| Accurate | 50 Very Accurate

18 Can manage many things at the same time.
$\qquad$
THANK YOU FOR COMPLETING THIS QUESTIONNAIRE.

NUMBER


TODAY'S DATE

| - Jan | DAY | YEAR |
| :---: | :---: | :---: |
| Feb |  |  |
| Mar | (1) (1) | 2000 |
| Apr | (1) (1) | 2001 - |
| May | (2) (2) | 2002 |
| - Jun | (3) (3) | 2003 |
| $\bigcirc \mathrm{Jul}$ | (4) | $2004 \bigcirc$ |
| Aug | (6) | 2005 |
| - Sep | (6) | 2006 |
| Oct | (7) | 2007 - |
| Nov | (1) | 2008 |
| $\bigcirc$ Dec | (b) | 2009 |



This form is about the foods you usually eat.
It will take about 15-25 minutes to complete.

- Please answer each question as best you can. Estimate if you aren't sure.
- Use only a No. 2 pencil.
- Fill in the circles completely, and erase completely if you make any changes.

Please print your name in this box.
$\square$

This form is about your usual eating habits in the past year or so. There are no right or wrong answers, and it is very important that we learn what you actually eat, not what you think you should eat. Please include all meals or snacks, at home or in a restaurant or carry-out.

There are two kinds of questions for each food:
HOW OFTEN, on average, did you eat the food during the past year?
*Please BE CAREFUL which column you put your answer in.
*Please DO NOT SKIP any foods. Mark "Never" if you didn't eat it.
HOW MUCH did you usually eat of the food?
*Sometimes we ask how many you eat, such as 1 egg, 2 eggs, etc., ON THE DAYS YOU EAT IT.
*Sometimes we ask "how much" as A, B, C or D. LOOK AT THE ENCLOSED PICTURES, and choose the one closest to the amount you usually eat of that food. (If you don't have pictures: $A=1 / 4$ cup, $B=1 / 2$ cup, $C=1$ cup, $D=2$ cups.)
*Sometimes we made the "D" column a darker color. This is just to remind you to make sure you really eat that large a serving.

EXAMPLE: This person drank apple juice twice a week, and had one glass each time. Once a week he ate a "C"-sized bowl of rice.

| TYPE OF FOOD | HOW$\substack{\text { AFEW } \\ \text { NEVER } \\ \text { TMES } \\ \text { pear } \\ \text { YEAR }}$ |  |  |  | N TH | E PA | T Y |  |  | HOW MUCH EACH TIME <br> SEE PORTION SIZE PICTURES FOR A-B-C-D |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\left\lvert\, \begin{gathered} \text { ONCE } \\ \text { per } \\ \text { WeEK } \end{gathered}\right.$ |  | 3-4 TIMES <br> per <br> week | 5-6TIMES EVERY Wer DAY |  |  |  |  |  |  |
| Apple juice | $\bigcirc$ | $\bigcirc$ |  |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many glasses each time | ${ }^{-}$ | 2 | ${ }_{3}$ | 8 |
| Rice | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much each time | ${ }_{\text {a }}$ | ${ }_{8}$ | c | \% |


| HOW OFTEN IN THE PAST YEAR |  |  |  |  |  |  | HOW MUCH EACH TIME SEE PORTION SIZE PICTURES FOR A-B-C-D |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TYPE OF FOOD |  |  |  |  |  |  |  |  |
| Eggs, including egg biscuits or Egg McMuffins (Not egg substitutes) <br> Bacon or breakfast sausage, including sausage biscuit <br> Pancakes, waffles, or French toast <br> Cooked cereals like oatmeal, cream of wheat or grits <br> Cold cereals like Corn Flakes, Cheerios, Special K, fiber cereals |  |  |  |  |  |  |  | 123 |
|  | DTEGGSF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\begin{aligned} & \text { How many } \\ & \text { eggs } \\ & \text { each time } \end{aligned}$ | $\underset{1}{\text { DTEGGSS }}$ |
|  | DTSAUSF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 0 | $\bigcirc$ | How many pieces | DTSALUS3S ${ }_{4}$ |
|  | DTWAFPNF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many pieces | DTW ${ }_{2} \mathrm{AFP}_{3} \mathrm{NS}_{4}$ |
|  | DTCKCERF | $\bigcirc$ | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | How much (bow) | DTCKCERS |
|  | TCDCERF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much (bowl) | DTCDCERS. |
| Which cereal do you eat most often? MARK ONLY ONE: 1 Bran Buds, Raisin Bran, Fruit-n-Fiber, other fiber cereals 2 Product 19, Just Right, Total DTCDCERT 3 Other cold cereal, like Com Flakes, Cheerios, Special K |  |  |  |  |  |  |  |  |
| Cheese, sliced cheese or cheese spread, including on sandwiches. | DTCHEESF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many slices | $\mathrm{D}_{1} T C \mathrm{H}_{2} E E S$ |
| - When you eat cheese, is it 1 Usually low-fat 2 Sometimes 3 Rarely or never low-fat |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| How often do you eat each of the following fruits? |  |  |  |  |  |  |  |  |
| Bananas | BANANF | $\bigcirc$ | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many each time | $\underset{1 / 2}{D_{1}} \operatorname{HBA}_{2}^{2} N_{2} N_{3}^{+}$ |
| Fresh apples or pea | TAPPPRF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How ma | $D_{12} T A P P P R S_{3}$ |
| Oranges, tangerines, not including juic | DTORANGF | $\bigcirc$ | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | How many | DIL $^{\text {TORAİGS }}$ |
| Applesauce, fruit cocktail, or any canned fruit | DTCANFRF | $\bigcirc$ | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | How much | TCANERS |
| Any other fruit, like grapes, honeydew, pineapple, strawberries | DTFFRUTF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much |  |




| PLEASEDO NOT WFTIE IN THIS AREA <br>  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TYPE OF FOOD | HOW OFTEN IN THE PAST YEAR |  |  |  |  |  |  | HOW MUCH EACH TIME <br> SEE PORTION SIZE PICTURES FOR A-B-C-D |  |  |  |
|  | $\begin{gathered} \text { A FEW } \\ \text { NEVER } \\ \text { TMES } \\ \text { YEAR } \end{gathered}$ | $\left\lvert\, \begin{array}{cc} 2.3 \\ \text { OWCE } & \text { rimes } \\ \text { peen } \\ \text { mown moent } \end{array}\right.$ |  |  |  |  | $\underset{\text { EVERY }}{\substack{\text { DYY }}}$ |  |  |  |  |
|  | 12 | 34 | 5 | 6 | 7 | 8 | 9 |  | 12 | 3 | 4 |
| Spaghetti, lasagna, or other pasta with tomato sauce | DTPAS | STAF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much | $\mathrm{D}_{\mathrm{A}}$ TPA | AS |  |
| Cheese dishes without tomato sauce, like macaroni and cheese | DTCHES | IESDF | $\bigcirc$ | 0 | $\bigcirc$ | 0 | $\bigcirc$ | How much | $\mathrm{D}_{4} \mathrm{TCH}$ | CDS |  |
| Pizza, including carry-out | -DTP | ZAF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How mary slices | PTPI | AS |  |
| Biscuits, muffins | -DTB | CTF | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many each time | ${ }_{1}$ DTBI | TS |  |
| Rolls, hamburger buns, English muffins, bagels | DTB | TF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How mary each time | $\mathrm{D}_{12} T B / 1 / 5$ |  | 3 |
| White bread or toast, including French, Italian, or in sandwiches | DTW | REDF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How mary slices | $\mathrm{D}_{1} T \mathrm{~W}_{2}^{\mathrm{W}}$ | ${ }_{3}$ D |  |
| Dark bread like rye or whole wheat, including in sandwiches | DTDBR | REDF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many slices | $\mathrm{D}_{1} \mathrm{TD}_{2} \mathrm{~S}^{2}$ | ${ }_{3}{ }^{\text {d }}$ |  |
| Margarine in cooking, or on bread, potatoes or vegetables | DTM | ARGRF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How mary pats | $\underset{1}{D_{1}} T M A$ | G |  |
| Butter in cooking, or on bread, potatoes or vegetables | DTBUT | ITTRE | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many | ${\underset{1}{1}}^{D_{2}} T B U$ | ${ }_{3}$ RS |  |
| Mayonnaise, sandwich spreads | DTMA | AYOF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many TBSP. | $\mathrm{D}_{1} \mathrm{TM}_{2}$ | OS |  |
| Peanut butter | CDTP | JTBF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How many TBSP. | DTPA | $T_{3} B$ |  |
| Gravy | DTGRA | RAVYE | $\bigcirc$ | 0 | $\bigcirc$ | 0 | $\bigcirc$ | How many TBSP. | $\mathrm{D}_{1} \mathrm{TGR}_{2}$ | VY |  |
| Snacks like potato chips, com chips, popcom (Not pretzels) | -DTSLT | TSKF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much | $\mathrm{D}_{\mathrm{A}} \mathrm{DTS}_{\mathrm{B}}$ | SKS |  |
| Peanuts, other nuts or seeds | DTNU | UTSF | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much | $\mathrm{D}_{\mathrm{A}} \mathrm{DTN}_{\mathrm{B}}$ |  |  |
| Crackers | - DTCRA | ACKF | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much | $\mathrm{D}_{\mathrm{A}}$ TCRA | CKS |  |
| Doughnuts, cake, pastry | DTDO | NUTE | $\bigcirc$ | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | $\begin{aligned} & \text { How mary } \\ & \text { pieces } \end{aligned}$ | $\mathrm{D}_{1} T D_{2}$ | 3 |  |
| Cookies | DTCOO | OKYE | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How mary |  | $K_{8,7} Y$ | $S_{8}$ |
| When you eat cookies, are they $1 \bigcirc$ Usually low-fat $2 \bigcirc$ Sometimes $3 \bigcirc$ Rarely low-fat |  |  |  |  |  |  |  |  |  |  |  |
| Ice cream, ice milk, ice cream bars | DTICECMF |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | How much | $\mathrm{DTI}_{\text {A }} \mathrm{A}_{\text {de }}$ |  | 8 |
| When you eat ice cream, is it 1 Usually low-fat 2 Sometimes 3 Rarely low-fat N/A |  |  |  |  |  |  |  |  |  |  |  |
| Pie or cobbler | DTPIEF DTCHOCOF |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\begin{aligned} & \text { How many } \\ & \text { slices } \end{aligned}$ | DikPIES | 2 | 3 |
| Chocolate candy, candy bars |  |  | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\begin{gathered} \text { How many } \\ \text { bars } \end{gathered}$ | DTCHO | cos |  |

HOW MUCH EACH TIME
SEE PORTION SIZE PICTURES FOR A-B-C-D How often do you drink the following beverages?
Real 100\% orange juice or grapefruit juice, including fresh, frozen or bottled
DTCJUICF When you drink orange juice, how often do you drink a calcium-fortified brand?
DTCJUICT
1 Usually calcium-fortified 2 Sometimes
3
Rarely/never calcium-fortified N/A
Hi-C, Kool-Aid, or other drinks with
added vitamin C
Tomato juice or V-8 juice
Liquid supplements like Ensure, instant
breakfast milkshakes like Carnation, or
diet shakes like SlimFast
Glasses of milk (any kind)


| How many glasses each time | TKLAIDS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| How | DTTOMJUS |  |  |  |
| lasses | D | 1 | , | S |
| How many glasses or cans |  |  |  |  |
| How many glasses | ${ }_{1}$ DTM $_{2} L_{3} K_{3} S_{4}$ |  |  |  |

- When you drink glasses of milk
$=$ what kind do you usually drink?
MARK ONLY ONE:
$=$ Soft drinks with caffeine, like colas or
Mountain Dew
Coffee
When you drink coffee, is it usually Tea, regular black tea or ChMeséefar, not herbal teas
1 Brewed caffeinated
2 Instant caffeinated
3 Decaffeinated
What do you usually add to coffee? 1 Cream or half \& half
2 Nondairy creamer 3 Milk 4 None of these


If you took Once-a-Day, Centrum, or Thera-type multiple vitamins, did you usually take types that
1 contain minerals, iron, zinc, etc.
2 do not contain minerals
don't know
DTMINSUP

If you took vitamin $C$ or vitamin E :
How many milligrams of vitamin C did you usually take, on the days you took it?
DTMGVITC
$1-100 \quad 2 \quad 250 \quad 3 \quad 5004 \bigcirc 75051000615007200083000+\quad$ don't know
How many IUs of vitamin E did you usually take, on the days you took it? DTIUVITE


Thank you very much for filling out this questionnaire. Please take a minute to go back and fill in anything you may have skipped.

