Draft	Enrollment Form <i>SITE</i>	Office Use Only MrOS ID#	Acrostic	Staff ID#			
(1) Is participa	nt willing to comple	te the MrOS Slee	ep Study?				
∘ Ye	es ∘No →	○ Out	Ith Problem of Area many conta	S	VSAGE1 VSAGERO VSELIG study		
MrOS Sleep Visit): a. In the pas mask ("Cl	Questions (If 'yes' to one at three months, hav PAP" or "BiPAP") fo at three months, hav	e you slept with or sleep apnea?	a pressure	Vec	° No ○ No		
mouthpie c. Do you ha	<ul> <li>b. In the past three months, have you slept with a mouthpiece for snoring or sleep apnea?</li> <li>c. Do you have an open tracheostomy?</li> <li>d. In the past three months, have you usually used oxyge</li> </ul>						
<ul> <li>d. In the past three months, have you usually used oxygen VSOXTHER therapy (oxygen delivered by a mask or nasal cannula) ○ Yes ○ No during your sleep?</li> <li>B. Did participant complete the MrOS Sleep visit? ○ Yes ○ Refused ○ Not eligible</li> </ul>							
S1FUTIME SDFUTIME SIFUTIME	a. Date of visit:	Month Day	] / Year	VSD	DATE		
VSPSG VSPSGRSN	<ul> <li>b. Type of visit:</li> <li>c. Will participant</li> <li>d. Who complete</li> <li>Ø Participant 20 Space</li> </ul>	d the SAQ? VS	? ○Yes ○ SLSAQ				





	Draft Clin		Office U MrOS ID	ise Only )#	Acrostic	Staff ID#
1	) On most nights, how ma	any hours d	lo yo	u sleep eacł	n night? <b>SLSLI</b>	PHRS hours SLRESTED
2	How many hours of slee feel rested? (Please and	• •		-	SLSLPHN	
3	) Do you take naps regul	arly? ○	o Yes ↓	○ No SLNAP	⊖ Don't k	now
	a. How many days pe	r week do y	/ou u	sually nap?	SLNAPDY days	SLNAPDLY SLNAPHWK
	<ul> <li>b. On average, how m</li> <li>1 C Less than 1 hour 20</li> </ul>	-	-	-	JLINA	
4	How likely are you to do feeling just tired? This			•	•	
	have not done some of have affected you. Give	•		• •		how they would
		e the most a W N		opriate respo	onse for each s n <u>t Moder</u> ce Chance	how they would situation. ate <u>High</u> e of Chance
	have affected you. Give	e the most a W N	appro /ould lever Doze	opriate respo <u>Sligh</u> Chan	onse for each s n <u>t Moder</u> ce Chance ing Dozir	how they would situation. ate <u>High</u> e of Chance ng of Dozing
	have affected you. Give EPEPWORT EPEDS	e the most a W N	appro /ould lever Doze	opriate respo <u>Sligh</u> Chan of Doz	onse for each s <u>nt</u> <u>Moder</u> ce Chance ing Dozir 02	how they would situation. ate <u>High</u> e of Chance og of Dozing <b>3</b>
	have affected you. Give EPEPWORT EPEDS a. Sitting and reading	e the most a M <u>N</u> E EPREAD EPTV place	appro /ould <u>lever</u> Doze	opriate respo Sligh Chan of Doz	onse for each s <u>nt</u> <u>Moder</u> Ce Chance ing Dozir 02 02	how they would situation. ate <u>High</u> e of Chance og of Dozing 3 03
_	have affected you. Give <b>EPEPWORT</b> <b>EPEDS</b> a. Sitting and reading b. Watching TV c. Sitting inactive in a public	e the most a M <u>N</u> EPREAD EPTV place ng) EPPUB	appro /ould lever Doze	opriate respo Sligh Chan of Doz 0 01 0 01	onse for each s <u>nt</u> <u>Moder</u> Ce Chance ing Dozir 02 02	how they would situation. ate <u>High</u> e of Chance og of Dozing 03 03
-	have affected you. Give EPEPWORT EPEDS a. Sitting and reading b. Watching TV c. Sitting inactive in a public (e.g. a theater or a meeting d. As a passenger in a car for	e the most a M M EPREAD EPTV place ng) EPPUB Or EPCAR	appro /ould lever Doze	opriate respo Sligh Chan of Doz 0 01 0 01	onse for each s <u>nt</u> <u>Moder</u> Ce Chance ing Dozir 02 02	how they would situation. ate <u>High</u> e of Chance of Dozing 3 3
-	have affected you. Give EPEPWORT EPEDS a. Sitting and reading b. Watching TV c. Sitting inactive in a public (e.g. a theater or a meetin d. As a passenger in a car for an hour without a break e. Lving down to rest in the a	e the most a M M M M C EPREAD EPTV place ng) EPPUB Or EPCAR	appro /ould lever Doze 0 0 0 0 0 0 0 7 0	opriate respo Sligh Chan of Doz 0 01 0 01 0 01 0 01	onse for each s <u>nt Moder</u> Ce Chance ing Dozir 02 02 02	how they would situation. <u>ate High</u> e of Chance of Dozing 3 3 3 3
	<ul> <li>have affected you. Give</li> <li><i>EPEPWORT EPEDS</i></li> <li>a. Sitting and reading</li> <li>b. Watching TV</li> <li>c. Sitting inactive in a public (e.g. a theater or a meeting)</li> <li>d. As a passenger in a car for an hour without a break</li> <li>e. Lying down to rest in the a when circumstances permission</li> </ul>	e the most a M M EPREAD EPTV place bg) EPPUB or EPCAR afternoon hit EPRES coneEPTAL	Approvide Vould lever Doze O O O O O O O O O O	opriate respo Sligh Chan of Doz 0 01 0 01 0 01 0 01 0 01	onse for each s <u>nt Moder</u> Ce Chance ing Dozir 02 02 02 02	how they would situation. <u>ate High</u> e of Chance of Dozing 3 3 3 3 3



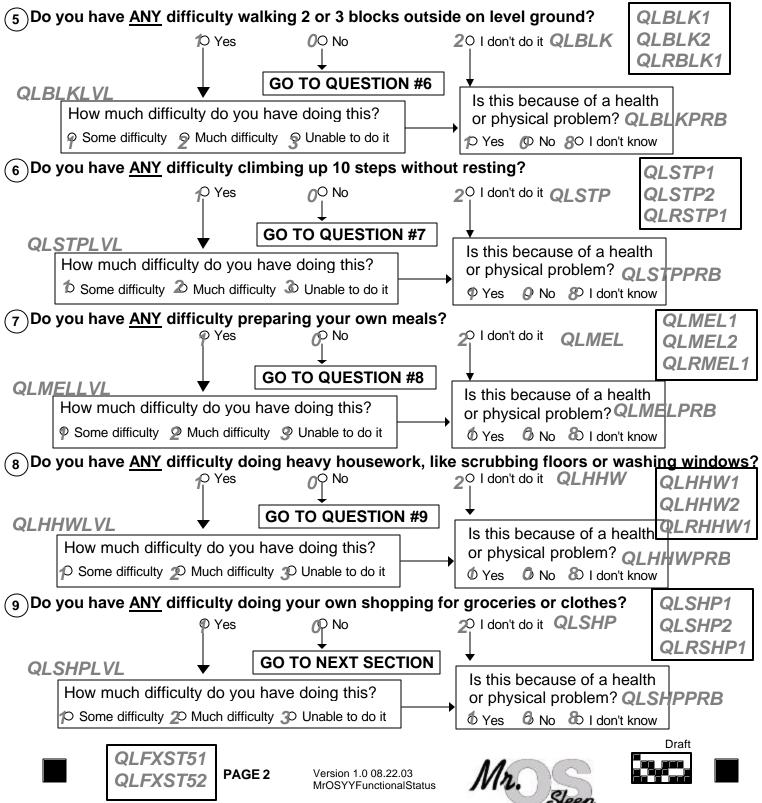
Version 1.0 08.15.03 MrOSWEEpworthSleepiness



# **Clinic Interview**

Office Use	O MISSING				
MrOS ID#	Acrostic				

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



Draft <b>Teng</b> Draft <b>Mini-Mental</b>	Dnly Acrostic Staff ID#
Introduction: 'Are you comfortable? I would like to ask yo 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 Mini- Mental test administered (start time)? A. When were you born? Month Day Year Day Year	<ul> <li>A. I would like you to count from 1 to 5.</li> <li>○ Able to count forward</li> <li>○ Unable to count forward</li> <li>↓</li> <li>Sow "1.2.3.4.5"</li> </ul>
B. Where were you born? Place of Birth?  Answer Can't do/ Not given* Refused attempted  City or town  State/Country * If answer is given, you wil ask again in questions #18	<ul> <li>A. Spell 'world'.</li> <li>○ Able to spell</li> <li>♥</li> <li>Say "Its spelled W-O-R-L-D"</li> <li>B. Now spell world backwards</li> </ul>
2 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.	Record the response in the order given. Enter XXXXX if no response.
Correct       Error/ Refused       Not attempted         A. Ball       O       O         B. Tree       O       O         C. Flag       O       O         D. Number of presentations necessary for the participant to repeat the sequence       presentations	SEE PAGE 7 FOR SCORING VARIABLES
PAGE 3 Version 1.0 10. <sup>-</sup> MrOSYBMiniMe	



A. Ball

B. Tree

5)



What three words did I ask you to remember?

O After 'A toy.'

O Not attempted

O After 'A plant.'

O Spontaneous recall

O Correct word, incorrect form

O Spontaneous recall

O After 'ball, doll, block.'O Unable to recall/refused

O Correct word, incorrect form

Office Use Only MrOS ID# Acrostic	
6 A. What is today's date?	Year
<ul> <li>B. What is the day of the week?</li> <li>Correct</li> <li>Error/Refused</li> <li>Not attempted</li> <li>C. What season of the year is it?</li> </ul>	_ day of the week
<ul> <li>Correct</li> <li>Error/Refused</li> <li>Not attempted</li> </ul>	_ season

	<ul> <li>After 'tree, flower, bush'</li> </ul>			
	<ul> <li>Unable to recall/refused</li> </ul>			
	<ul> <li>Not attempted</li> </ul>	(7	A. What state are we in?	
	O Spontaneous recall		O Correct	
	○ Correct word, incorrect form		O Error/Refused	state
C. Flag	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$		O Not attempted	
	○ After 'flag, banner, sign.'			
	○ Unable to recall/refused		B. What county are we in?	
	○ Not attempted		○ Correct	
			○ Error/Refused	county
			<ul> <li>Not attempted</li> </ul>	
			C. What city/town are we in?	
			○ Correct	
			○ Error/Refused	city/town
			<ul> <li>Not attempted</li> </ul>	

### D. Are we in a clinic, store, or home?

- O Correct
- O Error/Refused
- O Not attempted









Office Use Only MrOS ID#	Acrosti	c	

8 Point to the object or part participant to name it. So participant cannot name incorrect name.	core 'Error/F	Refused' if t	he
	Correct	Error/ Refused	Not attempted
A. Pencil: 'What is this?'	0	0	0
B. Watch: 'What is this?'	0	0	0
C. Forehead: 'What do you call this part of the face?'	u <sub>0</sub>	0	0
D. Chin: 'And this part?'	0	0	0
E. Shoulder: 'And this par the body?'	t of <sub>O</sub>	0	0
F. Elbow: 'And this part?'	0	0	0
G. Knuckle: 'And this part	<b>?'</b> 0	0	0

### 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:**

## (10)

A. In what way are an	arm and a leg alike?
O Limbs, extremities, app	endages
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) ○ 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







PAGE 5

Record additional correct answers on a separate sheet

Version 1.0 10.16.2003 **MrOSYDMiniMental** 



(12)

(13)

(14)

# Teng **Mini-Ment**

Draft	Ten Min	g i-Men	tal	Office Use Only MrOS ID# Acrostic
A. no ifs B. ands C. or buts 13 Hold up C do this.' If participant do prompt by point and do what this O Closes e O Closes e O Reads a	O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O	r/ Not sed attem 0 0 0 0 y: 'Please eir eyes with and saying ' prompting mpting s not clos	in 5 secs, Read e eyes	<ul> <li>Here is a drawing. Please copy the drawing onto this piece of paper.</li> <li>A. Pentagon 1</li> <li>5 approximately equal sized sides</li> <li>5 sides, but longest:shortest side is &gt;2:1</li> <li>Nonpentagon enclosed figure</li> <li>2 or more lines, but it is not an enclosed figure</li> <li>Less than 2 lines, Refused</li> <li>Not attempted</li> <li>B. Pentagon 2</li> <li>5 approximately equal sized sides</li> <li>5 sides, but longest:shortest side is &gt;2:1</li> <li>Nonpentagon enclosed figure</li> <li>2 or more lines, but it is not an enclosed figure</li> <li>Less than 2 lines, Refused</li> <li>Nonpentagon enclosed figure</li> <li>2 or more lines, but it is not an enclosed figure</li> <li>Less than 2 lines, Refused</li> <li>Nonpentagon enclosed figure</li> <li>2 or more lines, but it is not an enclosed figure</li> <li>Less than 2 lines, Refused</li> <li>Not attempted</li> <li>Less than 2 lines, Refused</li> <li>Not attempted</li> <li>C. Intersection</li> <li>4-cornered enclosure</li> </ul>
to go out.	Correct	Error/ Refused	Not attempted	<ul> <li>Not a 4-cornered enclosure</li> <li>No enclosure, Refused</li> <li>Not attempted, Disabled</li> </ul>
A. would B. like	0	0	0	
C. to	0	0	0	
D. go	0	0	0	
E. out	0	0	0	

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

1 O Right 2 O Left 3 O Unknown **TMHAND** 







Version 1.0 10.16.2003 **MrOSYEMiniMental** 



(16)

(17)

Draft		Ter Mir	ng ni-Mer	ntal		Office MrOS	Use Only ID#		rostic ACROST	
Refer to Qu participant i Take this p for left-han both hands	s right oper w ded pe s, and h	or left-ha ith your erson), fo	nded. left hand (i old it in half ack to me. Error/	right	ed e	18	Would you were born		me again wh Does not match/ Refused	Not attempted
A. Takes pa	-	0	O		u	City	/ or town			
correct ha 3. Folds par half		0	0	0		Sta	te/Country	0	0	0
C. Hands pa back	per	0	0	0		(19)	Please inc	dicate if the	participant h	as anv
What three v		Spontane Correct w After 'A te After 'bal	eous recall vord, incorrec by.' I, doll, block' p recall/refus	ct form	arlier?		to complet that apply O Vision O Hearing O Writing p	TMDIFF TMDIFF TMDIFF oroblems due Lack of educa	FHE TM to injury or ill ation TI TI	e. Check all
B. Tree		Correct w After 'A p After 'tree	e, flower, bus o recall/refus	sh.'			TMN TMB TMR TMR TMR	IFLAG DAY EGIS EVERS ECALL		<i>nDIFFOT</i>
C. Flag	0 C	orrect w	ous recall ord, incorrec gs on a pole				TMS TMN	EMPOR PACE AMING LEG		

O After 'flag, banner, sign' O Unable to recall/refused

PAGE 7

O Not attempted

Version 1.0 10.16.2003 **MrOSYFMiniMental** 



TMMSCORE

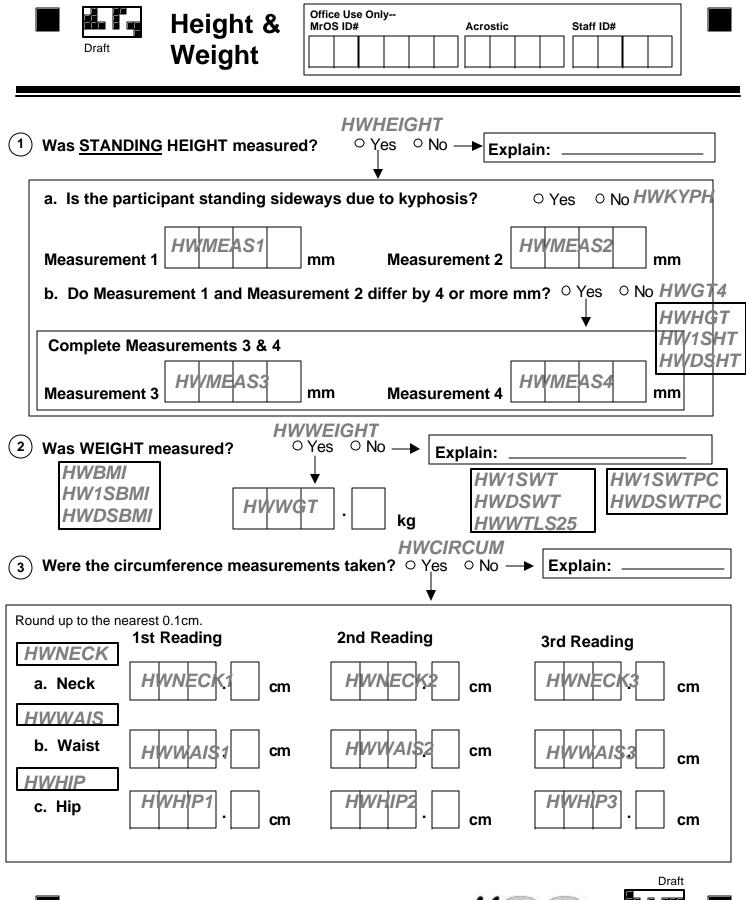
TMM1SSCR





Image: Section 1       Trail Making Task B & DVT         Was the participant able to complete the Sample Response Sheet?       ○ Yes       No       Total B Statt (DF)         Was the participant able to complete the Sample Response Sheet?       ○ Yes       No       Total Time:       ○ Yes       No       TBSAMP         Why not?       © Unable due to physical problems (hand tremor, cast, etc.)       ②       Participant able to complete the Sample Response Sheet?       ○ Yes       No       TBSAMP         What time was the Trails B test administered (start time)?       □       □       ○ A.M.       [TBTIMEM]         Number of circles       TBCIRCLE       Total time       TBSECON       # of errors       mateRPROR         (maximum-25):       □       Complete Trails B the       Total time       Seconds):       for errors       mateRPROR         Is the hand being used to complete Trails B the       orcles       orcles       orcles       No       TBAFFECT         Its the hand being used to complete trails B the       ortles       ortles       orels       orels </th <th></th> <th></th> <th>Trail</th> <th>Makina</th> <th>Office lies Only</th> <th>TBSTAFF</th>			Trail	Makina	Office lies Only	TBSTAFF
Unint       DVT         Was the participant able to complete the Sample Response Sheet?       • Yes       • No       TBSAMP         Why not?       b Unable due to physical problems (hand tremor, cast, etc.)						crostic Trails B Staff ID#
Was the participant able to complete the Sample Response Sheet?       ○ Yes       No       TBSAMP         Why not?       D Unable due to physical problems (hand tremor, cast, etc.)       D Participant did not understand directions         BUHYN       D Participant Refused         What time was the Trails B test administered (start time)?		Draft				
Why not?       D Unable due to physical problems (hand tremor, cast, etc.) <i>IBWHYN</i> D Participant did not understand directions         D Other       Participant Refused         What time was the Trails B test administered (start time)?						
TBWHYN       Dericipant did not understand directions         Dother       Participant Refused         What time was the Trails B test administered (start time)?       O.A.M. O.M. O.A.M. O.P.M.         Number of circles       TRCIRCLE         connected       (max=300)         (maximum=25):       Total time         Is the hand being used to complete Trails B the participant's usual or dominant hand for writing?       Yes         Are there any peripheral injuries (e.g., crushed or missing fingers, broken bones in the participant's usual or dominant hand for writing?       TBAFFECT         Are there any peripheral injuries (e.g., crushed or missing fingers, broken bones in would adversely affect their ability to do the test?       TBAFFECT         Did the participant complete the sample vigilance Test?       DVT Staff ID#       Why not?       DVVIGNO         1       Did participant complete the sample vigilance test?       Yes       No       Younderstand directions         3       Did participant complete page 1 in <400	Was	the participan	nt able to c	complete the Sa	mple Response Sheet?	୦ Yes ୍ No <b>TBSAMP</b>
TBWHYN       Dericipant did not understand directions         Dother       Participant Refused         What time was the Trails B test administered (start time)?       O.A.M. O.M. O.A.M. O.P.M.         Number of circles       TRCIRCLE         connected       (max=300)         (maximum=25):       Total time         Is the hand being used to complete Trails B the participant's usual or dominant hand for writing?       Yes         Are there any peripheral injuries (e.g., crushed or missing fingers, broken bones in the participant's usual or dominant hand for writing?       TBAFFECT         Are there any peripheral injuries (e.g., crushed or missing fingers, broken bones in would adversely affect their ability to do the test?       TBAFFECT         Did the participant complete the sample vigilance Test?       DVT Staff ID#       Why not?       DVVIGNO         1       Did participant complete the sample vigilance test?       Yes       No       Younderstand directions         3       Did participant complete page 1 in <400						
Image: Solution of the second seco				Why not? 1	Unable due to physical pro	oblems (hand tremor, cast, etc.)
<ul> <li>         Participant Refused     </li> <li>What time was the Trails B test administered (start time)?         Image: Second Seco</li></ul>			TBWHY	I W	•	tand directions
What time was the Trails B test administered (start time)? <ul> <li>A.M. TBTIMEM</li> <li>P.M.</li> </ul> Number of circles connected (max=300 seconds): <li>seconds):</li> <li>seconds):</li> <li>seconds):</li> <li>seconds):</li> <li>Steh hand being used to complete Trails B the participant's usual or dominant hand for writing?</li> <li>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?</li> <li>Did the participant complete the sample vigilance test?</li> <li>Did participant complete the sample vigilance test?</li> <li>Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTIME</li> <li>Total Time:</li> <li>Seconds</li> <li>MOTE: If both pages completed record TOTAL time and errors.</li> <li>Omission Errors:</li> <li>DVOMERR</li> <li>PAGE 8</li>						
What time was the Trails B test administered (start time)? <ul> <li>O. P.M.</li> <li>Immem</li> <li>o. P.M.</li> <li< td=""><th></th><td></td><td></td><td>4)</td><td></td><td></td></li<></ul>				4)		
Number of circles       Initial time circles       Initial time seconds:       Initis seconds:       Initial time seconds:	)What	t time was the	e Trails B t	est administere	ed (start time)?	I B I IWEW
(maximum=25):	) Num	ber of circles	TBCIR	CLE	Total time	# of errors
In the hand being used to complete Trails B the participant's usual or dominant hand for writing?       Ores ONO TBDOMH         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       TBAFFECT Yes ONO         Did the participant have a hand tremor (dominant hand)?       00 No 10 Mild 20 Marked TBTREM         Digit Vigilance Test       DVT staff ID#         DVT Staff ID#       DVSTAFF         1       Did participant complete the sample vigilance test?         2       Did participant complete page 1 in <400 seconds (6 minutes 40 seconds)?						
participant's usual or dominant hand for writing? 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 or yes o No would adversely affect their ability to do the test? Did the participant have a hand tremor (dominant hand)? ON 10 Mild D Marked TBTREM Digit Vigilance Test DVT Staff ID# DVVIGIL DVT Staff ID# DVVIGIL DVVIGIL DVVIGIL DVVIGPG1 O Hor of the page 1 in <400 Seconds (6 minutes 40 seconds)? If NO, Do NOT have participant complete page 1 in <400 Total Time: DVTIME Interventional time: NOTE: If both pages completed record TOTAL time and errors. OCOMERR DVCOMERR DVCOMERR Draft					,	
Are there any peripheral injuries (e.g., crushed or missing tingers, 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? O Yes O No   Digit Vigilance Test DVT Staff ID# DVSTAFF   1 Did participant complete the sample vigilance test?   2 Did participant complete page 1 in <400 seconds (6 minutes 40 seconds)?						TBDOMH
In and y or other minings that have occurred in the participant's life instituty do the test?         Did the participant have a hand tremor (dominant hand)?       O No 1 O Mild D Marked TBTREM         Image: Did the participant have a hand tremor (dominant hand)?       O No 1 O Mild D Marked TBTREM         Image: Did the participant have a hand tremor (dominant hand)?       O No 1 O Mild D Marked TBTREM         Image: Did the participant complete the sample vigilance test?       O Yes O No IO Mild D VVIGNO         Image: Did participant complete page 1 in <400 seconds (6 minutes 40 seconds)?	) Are t	here any peri	pheral inju	ries (e.g., crusł	ned or missing fingers, broke	n bones in
Did the participant have a hand tremor (dominant hand)?       Image: No for Mild Provide the second of						ory that $\bigcirc$ res $\bigcirc$ No
Digit Vigilance Test       DVT Staff ID# DVSTAFF       Why not?       DVVIGNO         1       Did participant complete the sample vigilance test?       O Yes       No       DVVIGIL         1       Did participant complete the sample vigilance test?       O Yes       No       DVVIGIL         1       Did participant complete page 1 in <400 seconds (6 minutes 40 seconds)?       O Yes       No       DVVIGPG1         1       DVTMSCOR       If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.       If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.         3       Total Time:       DVTIME seconds       NOTE: If both pages completed record TOTAL time and errors.         4       Omission Errors:       DVOMERR       DVTOTERR errors         Version 1.0 10.07.03       Version 1.0 10.07.03       Draft	<b>`</b>	•		•		10 Mild 20 Marked TRTREM
<ul> <li>Did participant complete the sample vigilance test?</li> <li>Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTMSCOR</li> <li>Mote: 40 seconds</li> <li>Mote: 40 seconds)?</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TotAL time and errors.</li> <li>Mote: 10 10.07.03</li> </ul>				_		
<ul> <li>Did participant complete the sample vigilance test?</li> <li>Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTMSCOR</li> <li>Mote: 40 seconds</li> <li>Mote: 40 seconds)?</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TOTAL time and errors.</li> <li>Mote: 16 both pages completed record TotAL time and errors.</li> <li>Mote: 10 10.07.03</li> </ul>	Diai	it Vigilan		DVT Staff IE	D#	
<ul> <li>vigilance test?</li> <li>Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTMSCOR</li> <li>If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.</li> <li>Total Time:</li> <li>Seconds</li> <li>MOTE: If both pages completed record TOTAL time and errors.</li> <li>Omission Errors:</li> <li>DVOMERR</li> <li>PAGE 8</li> <li>Version 1.0 10.07.03</li> </ul>	Digi	it vignan	ce les			Why not? <b>DVVIGNO</b>
<ul> <li>Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTMSCOR</li> <li>If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.</li> <li>Total Time:</li> <li>DVTIME seconds</li> <li>NOTE: If both pages completed record TOTAL time and errors.</li> <li>Omission Errors:</li> <li>DVOMERR</li> <li>PAGE 8</li> <li>Version 1.0 10.07.03</li> </ul>	-		•	e the sample	○ Yes ○ No>	. <i>1</i> º Unable
<ul> <li>2 Did participant complete page 1 in &lt;400 seconds (6 minutes 40 seconds)?</li> <li>DVTMSCOR</li> <li>3 Total Time:</li> <li>4 Omission Errors:</li> <li>PAGE 8 Version 1.0 10.07.03</li> </ul>	v	/igilance test?	?		DVVIGIL	2 <sup>o</sup> Did not understand directions
seconds (6 minutes 40 seconds)?  DVTMSCOR  If NO, Do NOT have participant complete page 2. Record time and errors for page 1 ONLY below.  DVTIME  Total Time:  NOTE: If both pages completed record TOTAL time and errors.  NOTE: If both pages completed record TOTAL time and errors.  OVTOTERR  Omission Errors:  DVTOTERR  DVTOTERR  DVTOTERR  Draft  PAGE 8 Version 1.0 10.07.03	(2) r	Did narticinan	t complete	nage 1 in -400		•
<ul> <li>3 Total Time:</li> <li>4 Omission Errors:</li> <li>PAGE 8</li> <li>Version 1.0 10.07.03</li> </ul>	-		•			40 Refused
<ul> <li>3 Total Time:</li> <li>4 Omission Errors:</li> <li>PAGE 8 Version 1.0 10.07.03</li> </ul>	D	<b>VTMSCO</b>	R		If NO. Do NOT have partic	cipant complete page 2.
<ul> <li>3 Total Time: seconds</li> <li>4 Omission Errors: errors</li> <li>DVTOTERR</li> <li>Omission Errors: DVOMERR</li> <li>PAGE 8 Version 1.0 10.07.03</li> </ul>	L				•	
	$\bigcirc$		DVT	IME		
4 Omission Errors:       errors       commission Errors:       errors         DVOMERR       DVCOMERR       Draft         PAGE 8       Version 1.0 10.07.03       Image: Commission Errors:       Image: Commission Errors:	( <u>3</u> ) 1	Fotal Time:		seconds	NOTE: If both pages com	·
PAGE 8  Version 1.0 10.07.03						
PAGE 8 Version 1.0 10.07.03	(4)	Omission Erro	ve.		Commission Errors	
	4	Omission Erro			ors Commission Errors:	errors
	4	Omission Erro			ors Commission Errors:	errors

HWSTAFF

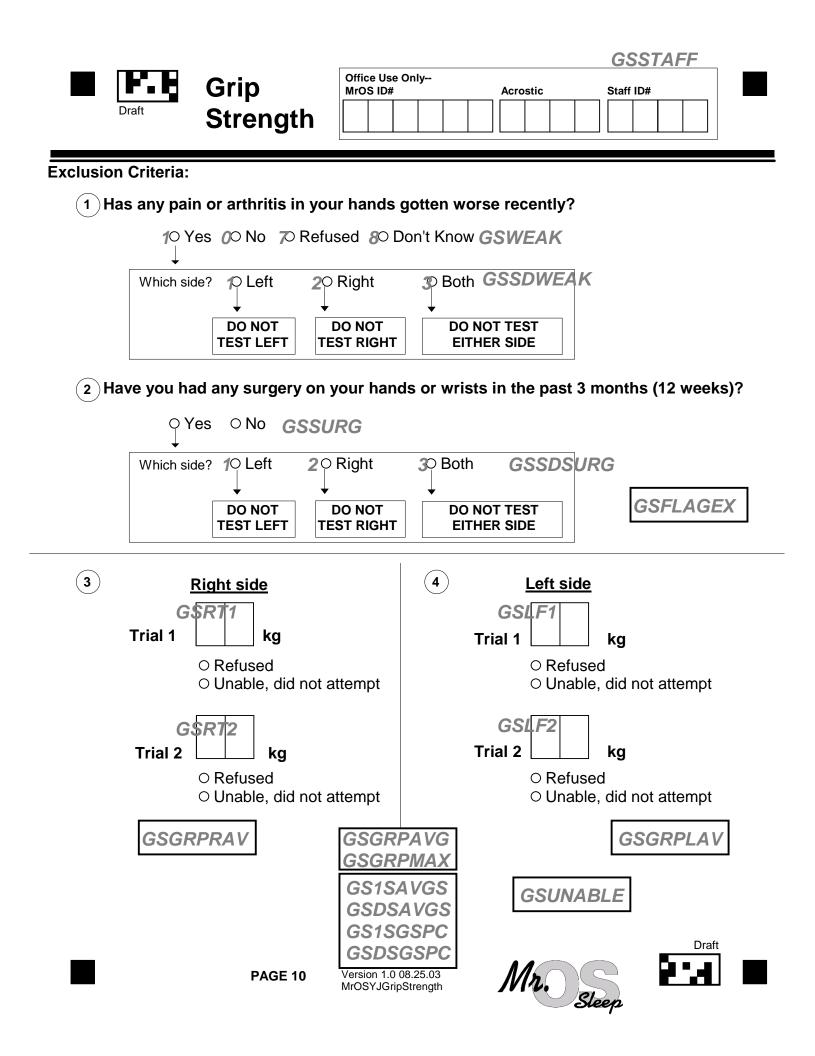


PAGE 9

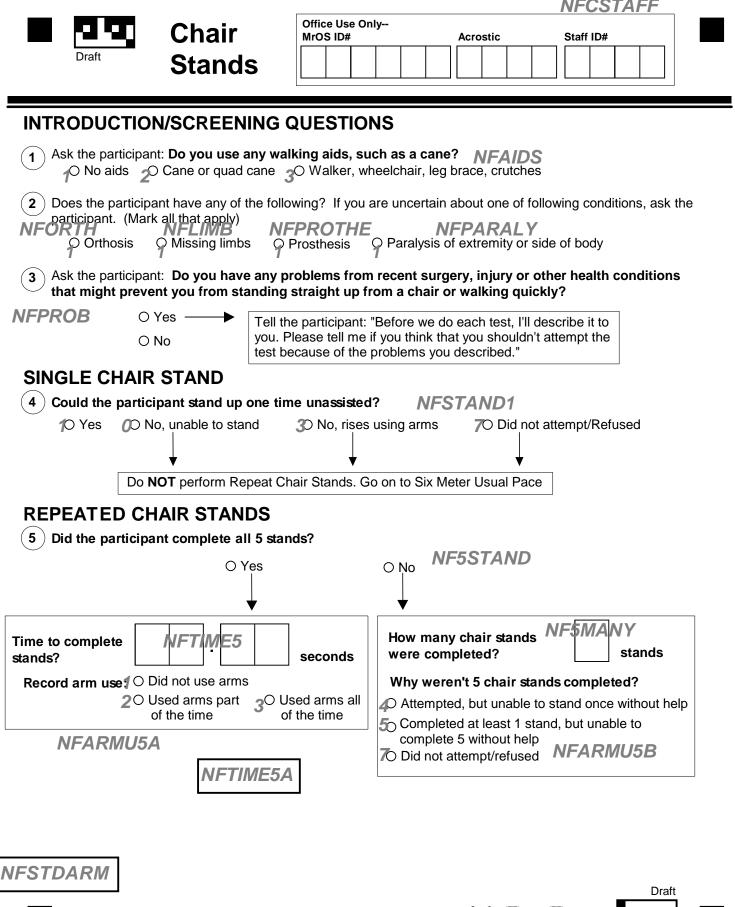
Version 1.0 10.07.03 MrOSYHHeightWeight







NFCSTAFF







NF	WS	TA	FF
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	raft	Walking Tests	Office Use ( MrOS ID#	Dnly	Acrostic	Staff	ID#	
		SUAL PACE	al 12 <b>NE</b> M	VLKNA1				
NFSTPLGT NFWLKSPD	-	20 No, participant			unable to ass	sess		
NFWLKSPA NF6MWTM NF6MPACE NF6MPACA	Record tir number of		KTM1	seconds		WLKS	ST1 steps	
NF6MABLE	Aid used:		-	20 Quad cane	3) Walker	4) Crute	ch NFWL	KAD1
NF1SS(P) Di NFDSSTPL NF1SWLKS		pant complete <u>Tria</u> 20 No, participant		unable <b>3</b> 0 No,	unable to ass	sess 🔥	IFWLKNA	12
NFDSWLKS NF1S6MWT NFDS6MWT	Record tir number of		WLĶTM2	seconds		VLKS7	2 steps	
NF1S6MPA NFDS6MPA	Aid used:	🕐 No aid 🏾 🖒	Straight cane	2 Quad cane	3) Walker	4) Crute	ch NFWL	KAD2
20 cm 3 Dia NFNWTIME	d the partici	W WALK pant successfully O No, 3 or more dev	•		— ·		•	IA1
NFNWPACE NFPCTDIF NF1SNWTI NFDSNWTI NF1SNWPA	Record tim	e: NFNWK7		seconds	<b>Aid us</b> <b>1</b> O Straig <b>2</b> O Quad	ht cane	(A1 0○ No aid 4○ Crutch 3○ Walker	
NFDSMWPA A Did NF1SPTDF NFDSPTDF NFNWNUM	d the partici CI Yes OC	pant successfully s O No, 3 or more dev	<b>stay within the</b> iations/Unable	to complete 2	2 (have 2 or No, trial not a	less devi attempted	ations)? NFNWK	NA2
NFNWABLE NFNWNUMA NFNWABLA	Record tim	ne: NFNW	.	seconds	Aid us 1O Straig 2O Quad	ht cane	00 No aid 40 Crutch 30 Walker	
Perform trial	3 only if tria	l 1 or trial 2 were n	narked 'No, 3 c	or more deviation	ons/Unable t	o comple	ete'	
5 Die		pant successfully	-					N/12
		) No, 3 or more dev	iations/Unable	to complete 📣	,	attempted <b>NVL</b>		VAJ
	Record tim	e: NFNW		seconds	Aid us D Straig D Quad	ed: ht cane	O No aid 40 Crutch 30 Walker	
							Dra	aft
		PAGE 12	Version 1.0 1 MrOSYIWalk		Mr.	Sleep	•1	

	Draft	Blood Press & ECC	ure	Office Use On MrOS ID#	y	Acrostic	BP Staff ID	
$\frown$	D PRE	SSURE	ssure o	btained?	○ Yes	○ No	BPBP	
	Systolic BPBIPS			ASUREMEN	ſ	Diastolic BPDIA	mmHg	
(2) Was	second s	itting blood	pressur	e obtained	? ○Yes	○ No	BPBP2	BPBPSYSM BPBPDIAM
	Systolic BPBPSY		_	SUREMEN	ſ	Diastolic PBPDIA2	mmHg	
3 Cuff	Size:	1º Small	<b>2</b> 0	Regular	3 ○ Lar	ge <b>4</b> 0	Thigh BI	PCUFF
4 Arm	Used: BPAR	1○ Right M	<b>2</b> 0 Left	t ──► Wh	y wasn't right	arm used: —		
5 Was	an alert r	noted? ○ Y	es	○ No				
	Co	omplete the E	Blood Pr	ressure se	ction on th	e Medical A	lert Form	
ECG	ECG Staff II							
() was	an ECG o	obtained? ○ ECE	Yes ECG	○ No	20 Partici 30 Partici 40 Partici	nent failure pant unable t	ECNOEC o understand to physically o	linstructions
2 Was	an alert r	noted? ○ Ye	S	○ No	5° Other			
	Со	mplete the E	CG sect	ion on the	Medical A	lert Form		Draft
		PAG	E 13	Version 1.0 10.0 MrOSYLBloodP		Mr.	Sleep	

Draft DXA Bone Density		crostic Staff ID#						
-	Surement obtained for the who O No, unable 7 <sup>O</sup> No, refus							
Last 2 characters of se	can ID #:							
2 Which hip was scanned a O Right O								
3 Which hip was scanned a O Right O	at this visit? Left ○ Hip not scanned							
	ed at this visit as the baseline							
○ Yes	○ No, other hip scanned	○ Scan not completed						
	Record reason:         O Fracture         O Hip replacement         O Other	Record reason:1Refused radiation2Unable to lie on table3Bilateral hip replacement5Other						
Last 2 characters of s	scan ID #:	DXNOSCAN						
5 Date of scan(s): / / /								
Temperature of room during scan:     DXQDTEMP     degrees Celsius								





Blood Draft Blood Collection & Processing Office Use Only MrOS ID# Acrostic Staff ID#
$\textcircled{1} Was any blood drawn? \qquad \bigcirc Yes \bigcirc No$
2 Was a fasting sample collected? O Yes O No SCFAST
3 Time of blood draw:
Date of Lab Processing: / / / / / / / / / / / / / / / / / / /
5 Was a blood blotter collected? O Yes O No
6 Was a second blood blotter collected? O Yes O No
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) O Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled
Vial #3:(Clear/1.0 mL serum) O Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled
Vial #4:(Clear/1.0 mL serum) O Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled
Vial #5:(Brown/4.0 mL serum) O Complete O Hemolyzed O Partial O Hemolyzed/partial O Not filled
7 Ending time of laboratory processing: Hours Hours Hours O am O pm Minutes
Benter ID from bar code label:





Draft     Urine     Office Use Only       Draft     Collection &       Processing
1 Was urine collected? O Yes O No SCUPSG
A. Date of specimen collection:
B. Time participant collected specimen:Image: Collected HoursImage: Collected OpmC. What void was this? OpmSpecimen:HoursMinutesOpmImage: Collected OpmOpm
Date of Lab Processing:       Start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab processing:         Image: A start time of lab processing:       Image: A start time of lab procesing:         Image: A
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 24hr urine collection? <ul> <li>Yes</li> <li>No</li> <li>SC24UACT</li> <li>SC24URIN</li> </ul>
A. Date of specimen collection:
B. Time participant started collection:       SC24U24H         C. Did collection last 24 hours?       Yes         ONO       D. Were all voids collected?
Date of Lab Processing: Start time of lab processing:
Month         Day         Year         Hours         Minutes           Vial #8:(Green/4.0mL urine, central storage)         Vial #9: (Green/4.0mL urine, central storage)         Vial #9: (Green/4.0mL urine, central storage)           O Complete         O Partial         O Not filled         O Complete         O Not filled
Vial #10: (4.0mL urine)Vial #11: (4.0mL urine)O CompleteO PartialO Not filledO CompleteO Partial
Vial #12: (4.0mL urine)Vial #13: (4.0mL urine)O CompleteO PartialO Not filledO CompleteO Partial
SC24UVOL     SC24UACT     Draft       PAGE 16     Version 1.0 10.16.2003 MrOSWUUrine     Minosep     Draft

Draft Date of PSG:	PSG Moi Survey	Office Use O MrOS ID#	inly	Acrostic	Staff ID#
$\bigcirc$	did you go to be e lights) last nigł			:	○ A.M. ○ P.M.
<sup>2</sup> What time	did you wake up	today? PO	XWKTM	:	○ A.M. ○ P.M.
you actual		t? OXSLPMN	h	ours	minutes ○ A.M.
5 Rate the q	• •	POXURIT ep last night	. Do not	•	_ ○ P.M. usual sleep quality.
My sleep l	ast night was (m	ark a numbe	r for each	)	
POXQUAL1	a. LIGHT $1^{\circ 1} 2^{\circ}$	2 3 3	<b>4</b>	DEEP 5 <sup>05</sup>	
POXQUAL2	<b>b. SHORT</b>	2 <u>3</u> 03	<i>A</i> 4	LONG 5 <sup>0 5</sup>	
POXQUAL3	<b>c. RESTLESS</b> ↑ 1 20	2 303	Ø 4	RESTFUL 50 5	
6 Compared	to your usual ni	aht's sleep, l	how well o	did vou slee	o last night?
POXUSUAL	<ul> <li><sup>1</sup> Much worse that</li> <li>20 Somewhat worse</li> <li>30 As well as usual</li> </ul>	an usual 4 se than usual 5	⊃ A little bet	ter than usual	<b>J</b>
	did it take you to a last night?	fall asleep DXFALL		hours	minutes
<sup>8</sup> What was	your sleeping ar	rangement L	AST NIGH	IT? POXSL	ARR
10 Another p	person in same bed	20 Another	person in sa It different b		None in room
(9) What is vo	our USUAL sleepi			OXSLUS	
-	person in same bed	20 Another		ame <b>3</b> 0 A	None in room
	PAGE 1	Version 1.0 10.08.03 MrOSWMPSGMorning	gSurvey1	Mr. Sleep	

POXCAF POXDRNK Praft PSG Morning Survey	Office Use Only MrOS ID# Acrostic
For questions 9-11, please think back to the 4 h	our period before you went to sleep <u>LAST NIGHT</u> .
How many of the following drinks did y went to sleep last night? Please write '	ou have during the 4 hours before you 0' if you did not drink any of that beverage.
a. <b>POXWINE</b> glasses of wine (4 oz.)	<b>POXCOFF</b> d. cups of regular coffee (with caffeine)
<b>b. POXLIQ</b> drinks with hard liquor (1 shot)	e. Cups of tea (with caffeine)
c. <b>POXBEER</b> bottles or cans of beer (12 oz.)	<b>POXSODA</b> glasses or cans of cola or other soda (with caffeine)
11 How much did you smoke during the 4 Please write '0' for each that you did no	hours before you went to sleep last night?
	POXOIGAR c. number of cigars
<b>bPOXPIPE</b> number of pipe bowls	POXNASAL
12 Did you have nasal stuffiness, obstruct	ion, or discharge last night? $\circ$ Yes $\circ$ No $\downarrow$
Did this interfere v	with your sleep last night? O Yes O No

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

	0	1	2	3	Not During the Past Month	Less than Once a Week	Once or Twice a Week	Three or More Times a Week
a. Coughing			POXCO	DUGH	<b>0</b> 0	10	<b>2</b> 0	30
b. Snorting or g	asping		POXSN	IORT	<b>0</b> 0	10	20	30
c. Chest pain or	disco	mfort	POXCF	PAIN	00	10	20	30
d. Shortness of	breath		POXSE	BRE	<b>0</b> 0	10	<b>2</b> 0	30
e. Nasal stuffine	ess		POXST	UFF	<b>0</b> 0	10	<b>2</b> 0	30
f. Heart burn or	reflux		POXHE	BURN	<b>0</b> 0	10	<b>2</b> 0	30
g. Leg jerks or I	kicks		POXLE	GK	00	10	<b>2</b> 0	30





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

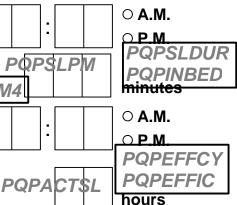
PQSTAFF

	Sleep
Draft	Habits

Office Use Only MrOS ID#	Acrostic	Staff ID#

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? PQPTMBED
- 2) During the past month, how long (in minutes) has it usually taken you to fall asleep each night? PQPSLPM4
- 3) 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 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...

PQPLATEN PQDISTUR PQDAYDYS PQPSQI PQE		lot During the Past Month	Less than Once a Week	Once or Twice a Week	Three or More Times a Week
a. Cannot get to sleep within 30 r	ninutes PQP30	M ° 0	01	°2	<b>3</b>
b. Wake up in middle of the night	or early morning	<b>)</b> 0 0	° 1	° <b>2</b>	<b>3</b>
c. Have to get up to use the bath	oom PQPBAT	H O 0	° 1	° <u>2</u>	о <b>з</b>
d. Cannot breathe comfortably	PQPBREA	0 <b>0</b>	0 <b>1</b>	° 2	<b>3</b>
e. Cough or snore loudly	PQPSNOR	° 0	0 <b>1</b>	° <b>2</b>	<b>3</b>
f. Feel too cold	PQPCOLD	• • <b>•</b>	0 <b>1</b>	0 <b>2</b>	03
g. Feel too hot	PQPHOT	o <b>0</b>	o <b>1</b>	o <b>2</b>	o <b>3</b>
h. Have bad dreams	PQPBAD	o <b>0</b>	01	o <b>2</b>	03
i. Have pain	PQPPAIN	o 0	<sub>0</sub> 1	° <b>2</b>	o <sup>3</sup>
j. Have leg jerks or leg cramps	SLJERK	o 0	o <b>1</b>	o <b>2</b>	о <b>3</b>
k. Have heartburn	SLHBURN	o 0	o 1	o <b>2</b>	o <b>3</b>
I. Other reasons Describe:	PQPOT	rh <sub>o</sub> 0	01	o <b>2</b>	o <b>3</b>







Draft Habits	Office Use C MrOS ID#	Dnly	O MISSINO Acrostic	
For questions 6 - 9, mark the one best response	e. Please ans	swer all que	stions.	
6 During the past month, how often have	Not During the Past Month O <b>0</b>	Less than Once a Week O <b>1</b>	Once or Twice a Week ○ <b>2</b>	Three or More Times a Week O <b>3</b>
you taken medicine (prescribed or "over the counter") to help you sleep?			PQPSLM	ED
<ul> <li>During the past month, how often have you had trouble staying awake while driving, eating meals, or engaging in social activity?</li> </ul>	0 <b>0</b>	01	02 PQPTRB	0 <b>3</b> SA
<ul> <li>Buring the past month, how would you in the past month, how would you in the past month, how much of a past month, how much of a past month.</li> </ul>	irly bad	3⊖ Very ba	d PQ	PSQUAL
<ul> <li>During the past month, now much of a pup enough enthusiasm to get things doined. No problem at all 10 Only a slight problem 10</li> <li>Do you have a bed partner or roommate</li> </ul>	<b>ne?</b> 20 Somewha		PQF em 30 A v	PENTH
Please describe your bed partner or roommate: PQBPTYPE		in SAME ro	om but NO	F SAME bed
Please ask your bed partner or roommate how often in the past month you have had	-	Less than Once a Week	Once or Twice a Week	Three or More Times a Week
a. Loud snoring <b>PQBPLOUD</b>	00	01	02	<b>3</b>
b. Long pauses between breaths while asleep	0 PQBPPAUS	01	<b>_2</b>	<b>○3</b>
c. Legs twitching or jerking while you sleep	00	01	02	<b>3</b>
d. Episodes of disorientation or confusion during sleep PQBPCO	PQBPLEGS NF <sup>00</sup>	01	<b>2</b>	<b>3</b>
e. Other restlessness while you sleep: Please describe:PQBPO		01	o <b>2</b>	03







## Functional Outcomes of Sleep

Office Use Only MrOS ID#	<ul> <li>○ MISSING</li> <li>Acrostic</li> </ul>					

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 this activity for other reasons	No	Yes, a little difficulty	Yes, moderate difficulty	Yes, extreme difficulty
1 Do you have difficulty concentrating on the things you do because you are sleep or tired?	ру о <b>0</b>	0 <b>4</b>	FOSO 0 3	COTH O 2	01
(2) Do you generally have difficulty remembering things because you are sleepy or tired?	0 <b>0</b>	0 <b>4</b>	FOSO	REM ° 2 MEAL	° 1
3 Do you have difficulty finishing a meal because you become sleepy or tired?	° 0	° <b>4</b>	° 3	° 2	° 1
④ Do you have difficulty working on a hobb (for example, sewing, collecting, gardening) because you are sleepy or tired?	ру <sub>о О</sub>	° <b>4</b>	FOSC o 3	0HOB 02	° 1
5 Do you have difficulty doing work around the house (for example, cleaning house)		. (		HOUS	
doing laundry, taking out the trash, repair work) because you are sleepy or tired?		o <b>4</b>	03	o <b>2</b>	01
(6) Do you have difficulty operating a motor			FOSO	MOT1	
vehicle for <u>short distances</u> (less than 1 miles) because you are sleepy or tired?	00 <sup>0</sup> 00	° <b>4</b>	° 3	° 2	01
(7) Do you have difficulty operating a motor			FOSO	MOT2	
vehicle for <u>long distances</u> (greater than 100 miles) because you are sleepy or tir	• <b>0</b>	0 <b>4</b>	03	° 2	01



Mr.



# Functional **Outcomes of Sleep**

Office Use Only MrOS ID#	<ul> <li>○ MISSING Acrostic</li> </ul>	

		I don't do this activity for other reasons	/ No difficulty	Yes, a little 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?	<b>FOS</b> 0 0	ODRIV o 4	03	o <b>2</b>	01
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?	0 <b>0</b>	OFIN 0 4	o <b>3</b>	° 2	01
(10)	Do you have difficulty performing	FOS	OWORK			
	employed or volunteer work because you	0 <b>0</b>	0 <b>4</b>	o <b>3</b>	° <b>2</b>	<b>1</b>
(11)	are sleepy or tired? Do you have difficulty maintaining a		OPHON			
	telephone conversation because you become sleepy or tired?	0 <b>0</b>	o <b>4</b>	03	o <b>2</b>	01
12	Do you have difficulty visiting with your family or friends in <b>your</b> home because you become sleepy or tired?	<b>FOS</b> 0 0	ovis1 04	o <b>3</b>	<sub>0</sub> 2	01
13	Do you have difficulty visiting with your family or friends in <u>their</u> home because you become sleepy or tired?	FOS 0 0	OVIS2 0 4	03	° 2	01
14	Do you have difficulty doing things for your family or friends because you are too sleepy or tired?	FOS 0 0	OFAM 0 4	03	° 2	01
(15)	Do you have difficulty exercising or	FOS	OSPOR			
	participating in sporting activity because you are too sleepy or tired?	00	0 <b>4</b>	o <b>3</b>	° 2	01
16	Do you have difficulty watching a movie or videotape because you become sleepy or tired?	FOS 0 0	OMOV 04	03	° 2	o 1







# Functional Outcomes of Sleep

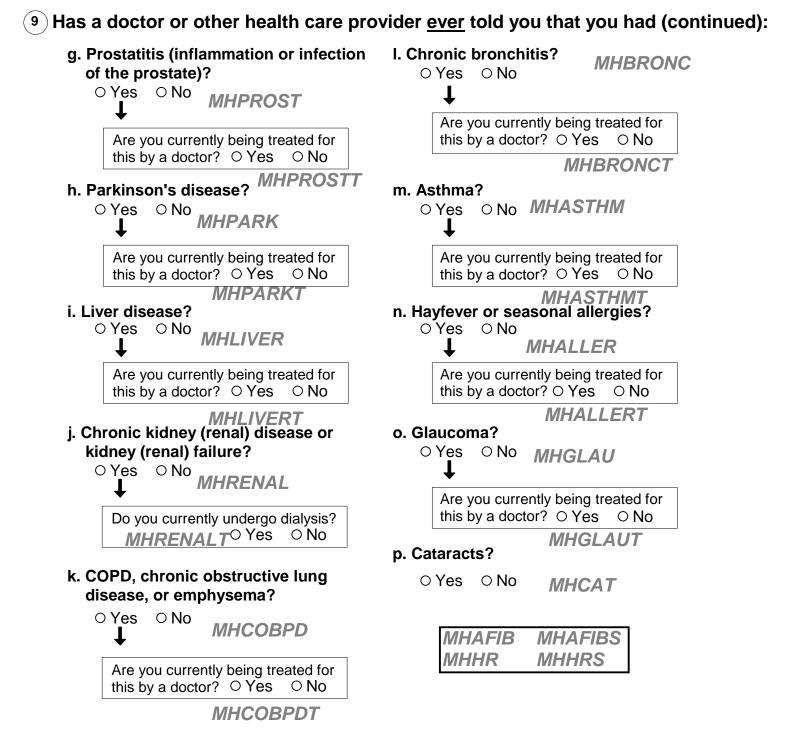
ffice Use Only O MISSING rOS ID# Acrostic	

	I don't do this activity		Yes,	Yes,	Yes,
	for other reasons	No difficulty	a little difficulty	moderate difficulty	extreme difficulty
Do you have difficulty enjoying the theater or a lecture because you becon sleepy or tired?	ne 0	0 4	03	o <b>2</b>	o <b>1</b>
18 Do you have difficulty enjoying a concert because you become sleepy or tired?	rt FOSC	° 4	° 3	° 2	° 1
(19) Do you have difficulty watching TV because you are sleepy or tired?	FOSC	• 4	° 3	° 2	° 1
<ul> <li>Do you have difficulty participating in religious services, meetings or a group or club because you are sleepy or tired?</li> </ul>	0 <b>0</b>	RELG ° 4	° 3	° 2	° 1
(21) Do you have difficulty being as active as you want to be in the <u>evening</u> because you are sleepy or tired?		ACT1 0 4	03	o <b>2</b>	01
(22) Do you have difficulty being as active as you want to be in the morning because you are sleepy or tired?		ACT2 0 4	03	<sub>0</sub> 2	<sub>0</sub> 1
(23) Do you have difficulty being as active as you want to be in the <u>afternoon</u> becaus you are sleepy or tired?		ACT3 0 4	03	0 <b>2</b>	o <b>1</b>
(24) Do you have difficulty keeping pace with others your own age because you are sleepy or tired?	n <b>FOSC</b> 00	0 <b>PACE</b>	03	0 <b>2</b>	o <b>1</b>
(25) Has your relationship with family, friends work colleagues been affected because are sleepy or tired?			Yes, derately ○2 ↓	Yes, extremely ○1 ↓	No 04
are sleepy or tired? FOSOFAM1	what ways h	as your relat	tionship be	en affected?	
<sup>26</sup> How would you rate your general level o	of activity?		-ow 0 2	Medium O <b>3</b>	High 0 <b>4</b>
	1.0 08.13.03 OutcomesOfSleer	MA	Slee	2	Draft

		Draft	Medica History			Office MrOS	Use Only- ID#	-	O MISSIN Acrostic	NG	
1	Have	you ever	snored (n	ow or at	anytime		oast)? SNORI		○ No	O Do	on't know
	0 1	○ Do not s ○ Rarely (l	you snore n nore anymore ess than 1 nig	e ght a week)	<b>4</b> ° A	<b>NO</b> requently lways or a oon't know	almost a	-		its a wee	ək)
2			nes (1 or 2 ni <u>(</u> <b>s when yo</b> O	-	-	during	your s	sleep? SLSTO	PBR		
	1 2	<ul> <li>○ Rarely (I</li> <li>○ Sometime</li> </ul>	<b>you have tin</b> ess than one nes (1 or 2 nig tly (3 to 5 nigl	night a wee ghts a weel	ek) <b>4</b> 0 A k) <b>8</b> 0 D	<b>breathing</b> lways or a on't know	almost a		6 or 7 nig	hts a we	∋ek)
3			or health ca ition in wh o	-		ops brie		ring sle		eb.	
		or a mout	eep with eit hpiece as tr had surger	reatment f	or your sl	eep apne	ea?	-	∕ <sub>e</sub> SLSC ∕ SLSS ∕es	AP <sub>ONO</sub> URG ONO	
4			or health ca than slee o					you ha SLPDIS		еер	
	1 0 In 10 0	somnia	ep disorder 10 Res lease descri	stless leas	φĪ	-	eg move LEG	ements		colepsy LNAR(	
<ul><li>5</li><li>6</li></ul>	Do yo by a r	ou usually nask or r	y use oxyg nasal cann rink alcoho	ula) duri	ng your	sleep?	SLOX	○ No	○ No ○ Dor	○ Don'i n't know	t Know
			PAG		ersion 1.0 08.14 OSWJSleepMe		slsl Mr	Sle	ep	Draft	

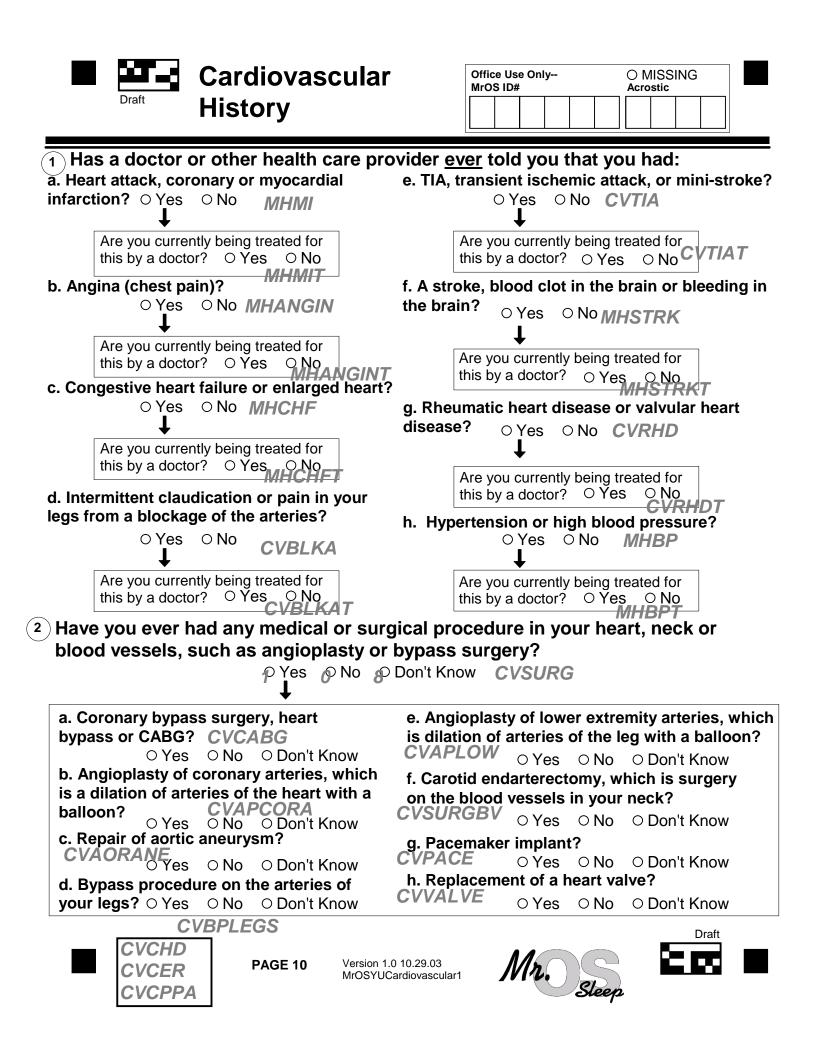
Draft History	Office Use Only MrOS ID# Acrostic
7 During the <u>past 12 months</u> , have or fallen and hit an object like a ta	you fallen and landed on the floor or ground, able or chair? • Yes • No MHFALL
a. How many times have you fallen in t	he past 12 months? 0 1 0 2-3 0 4-5 0 6 or more
b. Which of the following injuries did y	ou have? (Mark all that apply)
MHFRACT I broke or fractured a bone M	HBRUISE O I had a bruise or bleeding
1	HOTHER O I had some other kind of injury 1
	HNOINJR <sup>O</sup> I did not have any injuries from a fall in the past 12 months <b>1</b>
from the time you went to bed at a 0 ° None 1 ° 1 time 2° 2 times PSUP	imes did you most typically get up to urinate night until the time you got up in the morning? 3 times 40 4 times 50 5 times or more provider ever told you that you had:
<b>S</b>	
a. Diabetes? ○ Yes ○ No MHDIAB ↓	c. Low thyroid or an under active thyroid gland? ○ Yes ○ No MHLTHY ↓
Are you currently being treated for this by a doctor? $\circ$ Yes $\circ$ No	Are you currently being treated for this by a doctor? O Yes O No
<i>MHDIABT</i> b. High thyroid, Graves disease or an overactive thyroid gland?	brittle bones?
○ Yes ○ No MHHTHY	○Yes ○No MHOSTEO
Are you currently being treated for this by a doctor? O Yes O No	Are you currently being treated for this by a doctor? O Yes O No
<i>MHHTHYT</i> f. Rheumatoid arthritis?	<i>MHOSTEOT</i> e. Osteoarthritis or degenerative arthritis?
<sup>○</sup> Yes <sup>○</sup> No MHRHEU1	○Yes ○No <i>MHOA</i>
Are you currently being treated for this by a doctor? O Yes O No	Are you currently being treated for this by a doctor? O Yes O No
MHRHEUT	ΜΗΟΑΤ
	Draft Draft In 1.0 08.22.03 SYTMedicalConditions2

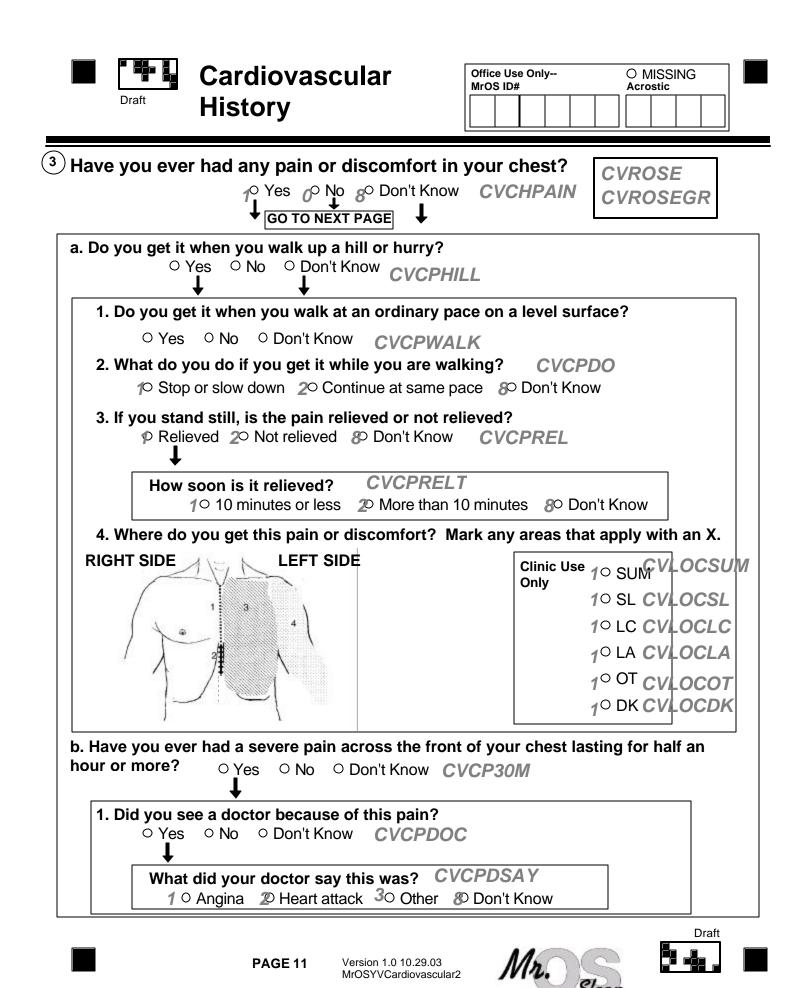
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Draft	History								





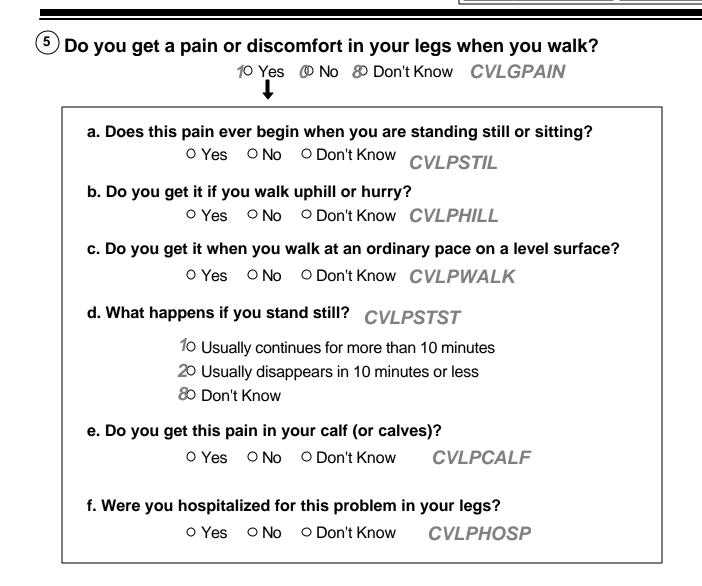








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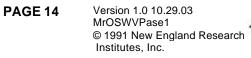
Mr. Sleep

Draft	QLCOMF QL1SCO QLISCON	MP	Office Use Only- MrOS ID#		O MISSING Acrostic						
Compared to other people your own age, how would you rate your overall health?     P Excellent for my age D Good for my age D Fair for my age D For for my age D Very poor for my age											
<b>QLHEALTH</b> 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?											
(2) Moderate activities, such as mov		Yes, lii a lo	mited `	Yes, limited a little	-	not limited at all					
table, pushing a vacuum cleaner, or playing golf?		IODLIM ዎ		<b>2</b> <sup>0</sup>		30					
3 Climbing <b>several</b> flights of stairs?	QLS	EVLIM 10		<b>2</b> 0		30					
During the <u>past 4 weeks</u> , have you other regular daily activities becaus	•		• •	ems with y	our work	or					
(4) Accomplished less than you wou	uld like	-	ΟΥ	′es ⊂n	lo QLAC	СОМ					
5 Were limited in the <b>kind</b> of work o	or other activ	ties	ΟΥ	∕es ON	lo <b>QLKII</b>	٧D					
During the past 4 weeks, have you other regular daily activities becaus or anxious)? (6) Accomplished less than you wou	se of any en			such as fe	eling dep	oressed					
<ul> <li>Didn't do work or other activities a</li> </ul>	s <b>carefully</b> a	as usual	ΟΥ	∕es ON	lo QLC	ARE					
<ul> <li>8 During the past 4 weeks, how most both work outside the home and constant and and con</li></ul>		k)?	<b>re with yοι</b> Quite a bit		work (incl						
These questions are about how you 4 weeks. For each question, please have been feeling. How much of the	give the or time durin	e answe g the <u>pas</u>	r that come <u>st 4 weeks</u>	es closest	to the wa	iy you					
QLCALM	All of the time	Most of the time	A good bit of the time	Some of the time	A little of the time	None of the time					
9 Have you felt calm and peaceful?	5	<b>4</b> 0	30	<b>2</b> 0	10	ß					
Did you have a lot of energy?	5 5	<b>4</b> 0	30	<b>2</b> 0	10	<b>0</b> 0					
11 Have you felt downhearted and b		<b>4</b> 0	<b>3</b> 0	<b>2</b> <sup>0</sup>	10	<b>0</b> 0					
<ul> <li>During the past 4 weeks, how more problems interfered with your s</li> <li>All of the time</li> </ul>	ocial activit		visiting frie		ives, etc.)						
QLPCS12 QLMCS12 PAGE 13	Version 1.0 0 MrOSYXHeal		Mr.	Sleep		Draft					



The next few questions ask about your physical activity during the <u>last 7 days</u>. If the last 7 days have not been typical because of illness or bad weather, please estimate based on two or three weeks ago.

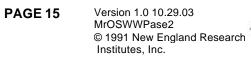
	♥ Seldom (1-2 days)	2○ Sometimes (3-4 days)	3) Often (5-7 ↓	days) <b>PASIT</b>	
Go to Question 2	What were these a	activities?			
	On average, how	many hours per day d	id you enga	PASITT ge in these sitting	activities?
	P Less than 1 hour	Detween 1 and 2 hours	P 2-4 hours	More than 4 hours	
any reas	son? For example.	often did you take a w for fun or exercise, wa 2 <sup>O</sup> Sometimes (3-4 days)	alkina to wor	rk. walking the do	a. etc.?
Go to uestion 3	What were these a	activities?			
	On average, how	many hours per day d	id you spen	d walking? PA	WALKT
	•	many hours per day d		•	
activitie pier, or	10 Less than 1 hour e <u>past 7 days</u> , how o s such as bowling, other similar activit	Detween 1 and 2 hours often did you engage golf with a cart, shuff	3 2-4 hours in light spor leboard, fish	More than 4 hours t or recreational hing from a boat of PALTE	
activitie pier, or	10 Less than 1 hour e <u>past 7 days</u> , how o s such as bowling, other similar activit	Detween 1 and 2 hours often did you engage golf with a cart, shuff ties? 2° Sometimes (3-4 days)	3 2-4 hours in light spor leboard, fish	More than 4 hours t or recreational hing from a boat of PALTE	pr







Draf	Physical Activity	Office Use Only MrOS ID# Acrostic
activitie	e <u>past 7 days</u> , how often did you engag s such as doubles tennis, ballroom da a cart, softball or other similar activitie $\mathcal{D}$ Seldom (1-2 days) <b>2</b> O Sometimes (3-4 days <b>4</b>	ncing, hunting, ice skating, golf es? PAMOD
Go to Question 5	What were these activities?	
		did you engage in these moderate sport orMODTs③ 2-4 hours4More than 4 hours
recreati	e <u>past 7 days,</u> how often did you engag onal activities such as jogging, swimm e, skiing (downhill or cross country) or	ning, cycling, singles tennis, aerobic other similar activities?
		s) 3 Often (5-7 days) PASTR PASTRW
Go to Question 6	What were these activities?	
	On average, how many hours per day recreational activities?	did you engage in these strenuous sport or <i>TRT</i>
		s ③ 2-4 hours ④ More than 4 hours
	he <u>past 7 days,</u> how often did you do ar e strength and endurance, such as liftir	ng weights or pushups, etc.?
00 Never ↓	⊅ Seldom (1-2 days) 20 Sometimes (3-4 days	s) <b>3</b> <sup>O</sup> Often (5-7 days)
Go to Question 7	What were these activities?	
	On average, how many hours per day muscle strength and endurance? <i>F</i> 1 Less than 1 hour 2 Between 1 and 2 hours	







Physical Draft Activity	Office Use Only     O MISSING       MrOS ID#     Acrostic
<ul> <li>7 During the past 7 days, have you done a dusting or washing dishes?         <ul> <li>Yes</li> <li>No</li> </ul> </li> <li>PALHW</li> <li>8 During the past 7 days, have you done a</li> </ul>	PALHWW
Such as vacuuming, scrubbing floors, was o Yes o No PAHHW	ashing windows or carrying wood?       PAHHWW
<ul> <li>During the <u>past 7 days</u>, did you engage i (Please answer yes or no for each item.)</li> </ul>	PAHOME PAHOMEW
Home repairs, like painting, wallpapering, electric Lawn work or yard care, including snow or leaf re wood chopping, etc.?	PALAWN PALAWNW
Outdoor gardening?	○ Yes ○ No
Caring for another person, such as children, dep spouse, or another adult?	
(10) During the past 7 days did you work eitl ○ Yes ○ No PAWK	her for pay or as a volunteer?
a. How many hours in the past week did you w for pay and/or as a volunteer?	ork PAWKHR hours
<ul> <li>b. Which of the following categories best desc activity required on your job and/or volunteer w 1<sup>O</sup> Mainly sitting with slight arm movements Examples: office worker, watchmaker, seated asser</li> <li>2<sup>O</sup> Sitting or standing with some walking Examples: cashier, general office worker, light tool a</li> </ul>	work? PAWKPA
3 Walking, with some handling of materials general Examples: mailman, waiter/waitress, construction w	
Walking and heavy manual work often requiring more than 50 pounds Examples: lumberjack, stone mason, farm or generation	
PASCORE       PASEOCC         PASELEIS       PAGE 16       Version 1.0 10.29.03 MrOSWXPase3         PASEHOUS       © 1991 New England R Institutes, Inc.	esearch Sleep



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	you currently drink regular coffee? (Not decaff ]	feinated) ○ Yes CFCCOF ↓	○ No
	How many cups of REGULAR coffee do you o	drink <u>per day</u> ?	cups
2 Do :	you currently drink regular tea? (Not herbal or	decaffeinated) ○ Yes CFCTEA ↓	⊖ No
	How many cups of REGULAR tea do you drin		cups
Pep	you currently drink sodas that contain caffeing osi, Coca-Cola, Dr. Pepper, and Mountain Dew? ude Sprite or 7-up or other sodas without caff	? (Do NOT	O No
	How many cans of CAFFEINATED soda do yo	CFCCAN ou drink <u>per day</u> ?	cans
4 Dog	<u></u>	ONO TUSMKNOW	
	About how many cigarettes do you smoke pe	TUSMKCGN er day?	cigarettes
5 Do g	you currently smoke a pipe or cigars regularly	<b>? TUPIPEC</b> O Yes ↓	○ No
	TL About how much do you smoke <u>per week</u> ?	JCPIAMT pipes or ciga	rs per week
$\sim$	he past 12 months, have you had at least 12 dr ny kind of alcoholic beverage?	TU12DRIN Tinks 1○ Yes ② No 3○ I ↓	don't know
	On average, how many alcoholic drinks do you consume <u>per week</u> ?	<ul><li>1○ Less than one drink pe</li><li>2○ 1-2 drinks per week</li></ul>	er week
	TUDRAMT	$3^{\circ}$ 3-5 drinks per week $4^{\circ}$ 6-13 drinks per week	
		50 14 or more drinks per v	week







Draft

Office Use Only MrOS ID#	O MISSING Acrostic	

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

1	Are you basically satisfied with your life?	DPSAT	○ Yes	○ No
2	Have you dropped many of your activities and intere	ests? DPDROP	○ Yes	○ No
3	Do you feel that your life is empty?	DPEMPT	○ Yes	○ No
4	Do you often get bored?	DPBORE	○ Yes	○ No
5	Are you in good spirits most of the time?	DPGOOD	○ Yes	○ No
6	Are you afraid something bad is going to happen to	you? DPSBAD	° Yes	○ No
7	Do you feel happy most of the time?	DPHAPY	° Yes	○ No
8	Do you often feel helpless?	DPHPLS	○ Yes	○ No
9	Do you prefer to stay at home, rather than going out doing new things?	and DPHOME	○ Yes	○ No
10	Do you feel you have more problems with memory t most?	han DPMEM	° Yes	○ No
(11)	Do you think it is wonderful to be alive now?	DPWOND	° Yes	○ No
(12)	Do you feel pretty worthless the way you are now?	DPWRTH	○ Yes	○ No
13	Do you feel full of energy?	DPENER	○ Yes	○ No
14	Do you feel that your situation is hopeless?	DPSIT	° Yes	○ No
(15)	Do you think that most people are better off than yo	u are?	° Yes	○ No



Ir.

Sleep





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

	Have you felt keyed up or on edge?	AXKEYED	○ Yes	○ No
2	Have you been worrying a lot?	AXWORRY	○ Yes	○ No
3	Have you been irritable?	AXIRTBL	○ Yes	○ No
4	Have you had difficulty relaxing?	AXRELAX	○ Yes	○ No
5	Have you been sleeping poorly?	AXPOORSP	○ Yes	○ No
6	Have you had headaches or neckaches?	AXNKACHE	○ Yes	○ No
7	Have you had any of the following: tremb dizzy spells, sweating, diarrhea or needin water more often than usual?	g to pass	○ Yes	○ No
		AXTREMB		
8	Have you been worried about your health	?AXWORHTL	○ Yes	○ No
9	Have you had difficulty falling asleep?	AXDIFSLP	○ Yes	○ No
10	Have you been lacking energy?	AXENRGY	○ Yes	○ No
(11)	Have you lost interest in things?	AXLOST	○ Yes	○ No
12	Have you lost confidence in yourself?	AXCONFID	○ Yes	○ No
13	Have you felt hopeless?	AXHOPELS	○ Yes	○ No
14)	Have you had difficulty concentrating?	AXCONCNT	○ Yes	○ No
(15)	Have you lost weight (due to poor appetit	e)? AXLOSTWT	○ Yes	○ No
16	Have you been waking early?	AXEARLY	○ Yes	○ No
17	Have you felt slowed up?	AXSLOWED	○ Yes	○ No
18	Have you tended to feel worse in the mor	ning?AXWORSE	○ Yes	° No



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Draft	Actigraphy Checklist	Office Use Only MrOS ID#	Acrosti	c	Staff ID#
① Did the pa	articipant receive an action	graph? ○ Yes ↓	○ No ↓		VSACTIG VSACTRSN
ACSERNUM	Watch Serial Number		Why not?	?	
ACACTARM	What arm was watch we (should be non-dominant whe		7 <sup>⊙</sup> Refuse 1 <sub>○</sub> Cogniti		nent
	1 CLeft, non-dominant	t	2 Physic	al/Medical	Problem
	2 <sup>o</sup> Left, dominant		30 No wat	ch availab	le/Schedule problem
	3 <sup>O</sup> Right, non-domina	nt	4 <sup>o</sup> Other		
	<b>4</b> <sup>O</sup> Right, dominant				
3 Date watc	h given to participant	Month / Day Month Day Collected?	/	ar	than 3 nights, will
	umber of nights in .ami fi		nights —I	partici	pant rewear the ? ○ Yes ○ No
(5) Was the s	leep diary completed?	○ Yes ○	No	hy not?	
ACI	DIARY	$\checkmark$			© Unable
Was the diar	ry completed accurately ACDIARYA	for all days ar	nd all sections	s? ○ Yes	○ No
Please ind all that app	licate which sections wer ACNAPAC oly): 10 Napping Information		<b>ely complete</b> ACMOVE noval times info	AC	. days (mark
	1  O Still times informat	ion 1° Bed	time and wak	e time info	ormation
L	ACSTILAC		ACBEDA	С	
	PAGE 18	Version 1.0 07.30.03 MrOSWAActigraphy		l. Stee	