| Participant ID pid | Acrostic acrostic |
| ---: | :--- |
| Examiner compby | V.c. vc |
| Date of Visit vis_mth | $I$ vis_day $I \underline{\text { vis yr }}$ |
| Mini-Mental State Examination (MMSE) |  |

Scoring: One point for each correct answer

## 1. Orientation

a. "What year is it?"

b. "What season is it?"
c. "What month is it?"
d. "What day of the week is today?"
e. "What is today's date?"
f. "What state are we in?"
g. "What county are we in?"
h. "What town are we in?"
i. "Can you tell me the name of this place?"
j. "What floor of the building are we on?"

SUBTOTAL CORRECT ( $0-10$ ) tot orie mmse

## 2. Registration

"Listen carefully. I am going to say three words. You say them back after I stop. Ready? Here they are...Ball....Flag....Tree. Now repeat those words back to me."

| ball1 mmse |  |
| :---: | :---: |
| -9 |  |
| 1 | Correct |
| 0 | Incorrect |
| -6 | Not on form |
|  | lag1 mmse |
| -9 |  |
| 1 | Correct |
| 0 | Incorrect |
| -6 | Not on form |

(Score first trial. This first repetition determines score (0-3) but keep saying them until the participant can repeat all 3 [up to 5 trials]. If he/she does not eventually learn all 3, recall cannot be meaningfully tested.)

Was the subject able to learn the words? learn mmse
-9
1 Yes
0 No
6 Not on form
Number of trials? trials mmse
?Now keep those words in mind. I am going to ask you to say them again in a few minutes.?

## 3. Attention and Calculation

"Now l'd like you to subtract 7 from 100. Then keep subtracting 7 from each answer until I tell you to stop. What is $\mathbf{1 0 0}$ take away 7?"

|  | (Score the total number of correct answers.) |  | sub93 mmse |
| :---: | :---: | :---: | :---: |
|  |  | 93 | $-9$ <br> 1 Correct <br> 0 Incorrect <br> -6 Not on form |
|  |  |  | sub86 mmse |
|  |  |  | -9 |
|  |  | 86 | 1 Correct |
| After the participant gives an answer, say |  |  | 0 Incorrect |
| "Keep going" until he or she gives a total of |  |  | -6 Not on form |
| five answers. No other type of prompting is |  |  | sub79 mmse |
| allowed. |  | 79 | $\begin{aligned} & -9 \\ & 1 \end{aligned}$ |
| An answer is considered correct if it is exactly |  |  | 0 Incorrect -6 Not on form |
| 7 less than the previous answer, regardless of |  |  | sub72 mmse |
| whether that previous answer was correct. |  |  | -9 |
|  |  | 72 | 1 Correct |
|  |  |  | 0 Incorrect |
|  |  |  | -6 Not on form |
|  |  |  | sub65 mmse |
|  |  |  | -9 |
|  |  | 65 | 1 Correct |
|  |  |  | 0 Incorrect |
|  |  |  | -6 Not on form |
|  | SCORE (0-5) |  | mse |

## 4. Recall

"What are the three objects words I asked you to remember?"

|  |  | ball2 mmse |
| :---: | :---: | :---: |
|  |  | -9 |
|  | Ball | 1 Correct |
|  |  | 0 Incorrect |
|  |  | -6 Not on form |
|  |  | flag2 mmse |
|  |  | -9 |
|  | Flag | 1 Correct |
|  |  | 0 Incorrect |
|  |  | -6 Not on form |
|  |  | tree2 mmse |
|  |  | -9 |
|  | Tree | 1 Correct |
|  |  | 0 Incorrect |
|  |  | -6 Not on form |
|  |  | tot reca mmse |
| (Give one point for each correct word ) | SCORE (0-3) |  |

## 5. Naming

| watch mmse |
| :--- |
| -9 |
| 1 |
| 1 |
| 0 |
| Correct |
| -6 |
| Incorrect |
| Not on form |

# b. (Show the subject a pen or penci) "What is this called?" <br> <br> 6. Repetition <br> <br> 6. Repetition <br> "Please repeat this phrase: NO IFS, ANDS, OR BUTS." 

## 7. 3-Stage Command

"I am going to give you a piece of paper. When I do, take the paper in your right hand, fold it in half, then put it on the floor." (Read the full statement THEN hand the participant the paper. Do not repeat instructions or coach.)


## 8. Reading

"Read the words on this card and do what it says." (Card says: CLOSE YOUR EYES.)
(Score one point only if the participant actually closes his/her eyes.)
SCORE (0-1)
tot read mmse

## 9. Writing

"Write any complete sentence on this sheet of paper for me."
(Give one point for correct sentence.)
(Do not dictate a sentence; it is to be written spontaneously. It must contain a subject and verb and be sensible. Correct grammar and punctuation are not necessary.)

SCORE (0-1) tot writ mmse

## 10. Copying

"Here is a drawing. Please copy the drawing on this sheet of paper."
(Give one point for correct drawing)
(All 10 angles must be present and 2 must intersect to form a 4 -sided figure to score 1 point. Tremor and rotation are ignored.)
SCORE (0-1) tot copy_mmse

MMSE Total Score (0-30) total mmse (if score is less than 21, participant is ineligible.)

