Participant ID pid

Examiner compby

V.C. vc

Date of Visit vis mth / vis day / vis yr

Mini-Mental State Examination (MMSE)

Scoring: One point for each correct answer

1. Orientation

a. "What year is it?"	year mmse -9 1 Correct 0 Incorrect -6 Not on form
b. "What season is it?"	season_mmse -9 1 Correct 0 Incorrect -6 Not on form
c. "What month is it?"	month_mmse -9 1 Correct 0 Incorrect -6 Not on form
d. "What day of the week is today?"	day mmse -9 1 Correct 0 Incorrect -6 Not on form
e. "What is today's date?"	today_mmse -9 1 Correct 0 Incorrect -6 Not on form
f. "What state are we in?"	state mmse -9 1 Correct 0 Incorrect -6 Not on form
g. "What county are we in?"	county mmse -9 1 Correct 0 Incorrect -6 Not on form
h. "What town are we in?"	town_mmse -9 1 Correct 0 Incorrect -6 Not on form
i. "Can you tell me the name of this place?"	place_mmse -9 1 Correct 0 Incorrect -6 Not on form
j. "What floor of the building are we on?"	floor_mmse -9 1 Correct 0 Incorrect -6 Not on form
	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."

	<u>ball1_mmse</u>		
Ball	-9		
	1 Correct		
	0 Incorrect		
	-6 Not on form		
	flag1_mmse		
	-9		
Flag	1 Correct		
	0 Incorrect		
	-6 Not on form		

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(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

- 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 I'd like you to subtract 7 from 100. Then keep subtracting 7 from each answer until I tell you to stop. What is 100 take away 7?"

		93	sub93 mmse -9 1 Correct 0 Incorrect -6 Not on form
After the participant gives an answer, say "Keep going" until he or she gives a total of five answers. No other type of prompting is allowed. An answer is considered correct if it is exactly 7 less than the previous answer, regardless of whether that previous answer was correct.	(Score the total number of correct answers.)	86	sub86 mmse -9 1 Correct 0 Incorrect -6 Not on form
		79	sub79 mmse -9 1 Correct 0 Incorrect -6 Not on form
		72	sub72_mmse -9 1 Correct 0 Incorrect -6 Not on form
		65	sub65_mmse -9 1 Correct 0 Incorrect -6 Not on form
	SCORE (0-5)	tot_atte_	mmse

4. Recall

 $\ensuremath{^{\prime\prime}}$ What are the three objects words I asked you to remember? $\ensuremath{^{\prime\prime}}$

	Ball	ball2_mmse -9 1 Correct 0 Incorrect -6 Not on form
	Flag	flag2_mmse -9 1 Correct 0 Incorrect -6 Not on form
	Tree	tree2_mmse -9 1 Correct 0 Incorrect -6 Not on form
(Give one point for each correct word)	SCORE (0-3)	tot_reca_mmse

5. Naming

a. (Show the subject a wrist watch) "What is this called?"

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1 Correct
0 Incorrect
-6 Not on form

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pen_mmse -9 b. (Show the subject a pen or pencil) "What is this called?" 1 Correct 0 Incorrect -6 Not on form tot_nami_mmse SCORE (0-2) 6. Repetition "Please repeat this phrase: NO IFS, ANDS, OR BUTS." tot_repe_mmse SCORE (0-1) 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.) Paper in right hand 1 Correct 0 Incorrect -6 Not on form folded mmse Paper folded 1 Correct 0 Incorrect -6 Not on form placed_mmse Paper placed on floor 1 Correct 0 Incorrect -6 Not on form tot_3sta_mmse (Give one point for each correct response.) SCORE (0-3) 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.) tot_read_mmse SCORE (0-1) 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.) tot_copy_mmse SCORE (0-1) MMSE Total Score (0-30) (if score is less than 21, participant is ineligible.) Source Form Language: lang 1 English 2 Spanish submit

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