

Instructions for administering the Mini-Mental State Examination (MMSE)

ORIENTATION

1. Ask the patient for the current year, season, date, day and time. If the patient has omitted part of the answer, ask for this part specifically, e.g., "Can you also tell me what season it is?"
Score 1 point for each correct answer.
2. Ask the patient what country, province, city/town, and hospital/clinic you are in, and which floor you are on. Again, if the patient has omitted part of the answer, ask for this part specifically, e.g., "Can you also tell me what province we are in?"
Score 1 point for each correct answer.

REGISTRATION

Ask the patient if you may test his/her memory. Say the name of the 3 unrelated objects, clearly and smoothly, taking about 1 second to pronounce each word. After you have said all 3, ask the patient to repeat them all. This first repetition determines the patient's score.
Score 1 point for each object remembered.

Once the score has been recorded, repeat the process (to a maximum of 6 times) until the patient can repeat all 3 objects. Record how many trials it took for the patient to remember all 3 objects. If all 3 objects are not eventually learned, recall cannot be meaningfully tested.

ATTENTION AND CALCULATION

Ask the patient to spell the word "world" backwards. *Score 1 point per letter in correct order (e.g., DLROW=5; DLRW=4; DLW=3; OW=2; LDRWO=1).*

Alternately, ask the patient to subtract 7 from 100, then subtract a further 7 from that result, and so on for 5 subtractions (93, 86, 79, 72, 65).
Score 1 point per correct subtraction.

RECALL

Ask the patient to recall the 3 objects learned in the "registration" section of the test.
Score 1 point for each object remembered.

LANGUAGE

Naming: Show the patient a wristwatch and ask him/her what it is. Repeat for a pencil.
Score 1 point for each object named.

Repetition: Ask the patient to repeat the following sentence after you: "No ifs, ands or buts".
Score 1 point for correct performance.

3-stage command: Give the patient a piece of plain blank paper. Tell the patient to take the paper in his/her right hand, fold it in half, and put it on the floor.
Score 1 point for each section of the command performed.

Reading: On the back of the MMSE page, print the sentence "Close your eyes" in letters large enough for the patient to see clearly. Ask him/her to read it and do what it says.
Score 1 point only if the patient actually closes his/her eyes.

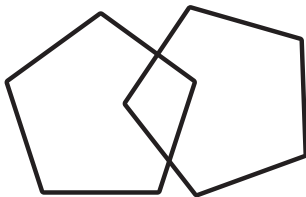
Writing: On the back of the MMSE page, ask the patient to write a sentence for you. Do not dictate a sentence; it is to be written spontaneously by the patient. It must contain a subject and verb and be sensible. Correct grammar and punctuation are not necessary.
Score 1 point only for a correct sentence.

Copying: On the back of the MMSE page, draw intersecting pentagons, each side about 1 inch long. Ask the patient to copy the diagram exactly as it is.
All 10 angles must be present and 2 angles must intersect for the patient to score 1 point. Tremor and rotation are ignored.

Mini-Mental State Examination (MMSE)

Patient name: _____

Date: _____ Visit 1: _____ Visit 2: _____ Visit 3: _____ Visit 4: _____

Maximum score	Visit 1	Visit 2	Visit 3	Visit 4	
ORIENTATION					
5	()	()	()	()	What (year) (season) (date) (day) (month) is it? (1 point for each correct answer.)
5	()	()	()	()	Where are we: (province) (country) (town or city) (hospital or clinic) (floor)? (1 point for each correct answer.)
REGISTRATION					
3	()	()	()	()	Listen to the following: "apple," "table," "penny." Repeat all 3. (1 point for each correct answer.)
# Trials:	()	()	()	()	(Repeat the objects until the patient learns all 3. Make a maximum of 6 trials. Record the number of trials.)
ATTENTION AND CALCULATION					
5	()	()	()	()	Spell "world" backwards. (1 point for each letter in correct order.) Alternate: Subtract 7 from 100. Take the result and subtract 7 from that. Continue until I ask you to stop. (Continue for 5 subtractions. 1 point for each correct subtraction.)
RECALL					
3	()	()	()	()	What were the 3 objects we repeated earlier? (1 point for each correct answer.) (Note: Recall cannot be tested if all 3 objects were not remembered during registration.)
LANGUAGE					
2	()	()	()	()	What are these? (pencil) (watch).
1	()	()	()	()	Repeat the following: "No ifs, ands, or buts."
3	()	()	()	()	Take a piece of paper in your right hand, fold it in half and put it on the floor. (1 point for each section of the command performed.)
READ AND OBEY					
1	()	()	()	()	Read the following ("Close your eyes.") and do as it says.
1	()	()	()	()	Write a sentence.
1	()	()	()	()	Copy the following design on the back of this page:
					
					No construction problem
Total score (max. score 30)					

Mini-Mental State Examination (MMSE)

READING:

Close your eyes.

WRITING:

COPYING:

