

The Modified Mini-Mental State (3MS) Test – Version A Australian

Surname: _____ Education: _____ (yrs) gender: M / F
 Given name(s): _____ Test Date: _____ Examiner's name: _____
 MRN: _____ Start time: _____ Test duration: _____
 DOB: _____ Age: _____ 3MS score: _____/100
 or attach patient identification label! 3MS < 79 → cognitive impairment
 3MS < 48 → severe impairment

Please circle

| | Question | Verbatim response or instruction | correct | incorrect | 3MS |
|----------|---|--|---------|-----------|-----|
| 1 | Place and date of birth (<i>Obtain correct answer from a reliable source</i>) | | | | /5 |
| | City | | (1) | (0) | |
| | Suburb/Town | | (1) | (0) | |
| | Day | | (1) | (0) | |
| | Month | | (1) | (0) | |
| | Year | | (1) | (0) | |
| 2 | Registration | <i>Present one word every 1.5 seconds. Only correct answers after first presentation score one point.</i> | | | /3 |
| | I am going to say three words for you to remember. Repeat them after I have said all three. | | | | |
| | (1) SHIRT | | (1) | (0) | |
| | (2) BROWN | | (1) | (0) | |
| | (3) HONESTY | | (1) | (0) | |
| 3 | Mental Reversal | | | | /7 |
| a | Count from 1 to 5. _____ | correct → check yes and then go to 3b | Yes | No | |
| | Verbatim response | Incorrect → coach: "say: 1, 2, 3, 4, 5" (once) → then go to 3b | Yes | No | |
| b | Now count backwards from 5 to 1. _____ | Accurate | (2) | | |
| | Verbatim response | 1 or 2 errors/misses | (1) | | |
| | | More than 2 errors/misses | | (0) | |
| c | Spell "WORLD" _____ | Correct → check yes, then go to 3d | Yes | No | |
| | Verbatim response | Incorrect → say: "It's spelled W-O-R-L-D" then prompt "Say. W-O-R-L-D" → then go to 3d | Yes | No | |
| d | Now spell "WORLD" backwards _____ | Correct response: DLROW → | (5) | (0) | |
| | Verbatim response | Omission of 1 letter → | (4) | (0) | |
| | | Omission/reversal of 2 letters → | (3) | (0) | |
| | | Omission/reversal of 3 letters → | (2) | (0) | |
| | | Reversal of 4 letters → | (1) | (0) | |

After testing transfer all circled numbers into the grey boxes

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|---|--|--|---------|-----------|-----|
| 4 | First Recall | <i>If patient unable to spontaneously recall words give category cue first then → offer multiple choices. If still incorrect, score 0.</i> | | | /9 |
| | What three words did I ask you to remember earlier? | | | | |
| | SHIRT | Spontaneously correct | (3) | (0) | |
| | | After cue "something to wear" | (2) | (0) | |
| | | After cue "Shoe, shirt, sock" | (1) | (0) | |
| | Verbatim response | Still incorrect | | (0) | |
| | BROWN | Spontaneously correct | (3) | (0) | |
| | | After cue "A colour" | (2) | (0) | |
| | | After cue "blue, black, brown" | (1) | (0) | |
| | Verbatim response | Still incorrect | | (0) | |
| | HONESTY | Spontaneously correct | (3) | (0) | |
| | | After cue "a good personal quality" | (2) | (0) | |
| | | After cue "Honesty, charity, modesty" | (1) | (0) | |
| | Verbatim response | Still incorrect | | (0) | |
| 5 | Temporal Orientation | | | | /15 |
| | What is today's date? | | | | |
| | Year | Accurate | (8) | | |
| | | Missed by 1 year | (4) | | |
| | | Missed by 2-5 years | (2) | | |
| | Verbatim response | Missed by >5 years | | (0) | |
| | Month | Accurate or within 5 days | (2) | | |
| | | Missed by 6 days to 1 month | (1) | | |
| | Verbatim response | Missed by > 1 month | | (0) | |
| | Date (of the month) | Accurate | (3) | | |
| | | Missed 1-2 days | (2) | | |
| | | Missed 3-5 days | (1) | | |
| | Verbatim response | Missed > 5 days | | (0) | |
| | Day (of the week): must be exact | | (1) | (0) | |
| | Season (within 30 days) | | (1) | (0) | |
| 6 | Spatial Orientation | | | | /5 |
| | What state are we in? | | (2) | (0) | |
| | Which city are we in? | | (1) | (0) | |
| | What suburb are we in? | | (1) | (0) | |
| | Are we in a shop, a hospital (/medical clinic), or a home? | <i>Always present the correct choice in the middle, if correct answer is not among the choices use it to replace the middle choice</i> | (1) | (0) | |
| | Verbatim response | | | | |
| 7 | Naming | | | | /7 |
| | What is this? | | | | |
| | Pencil | | (1) | (0) | |
| | Watch | | (1) | (0) | |
| | What do you call this part of the face/body/hand? | | | | |
| | Forehead | | (1) | (0) | |
| | Chin | | (1) | (0) | |
| | Shoulder | | (1) | (0) | |
| | Elbow | | (1) | (0) | |
| | Knuckle | | (1) | (0) | |

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|-----------|---|--|----------------|------------------|------------|
| 8 | Four-legged animals | | | | /10 |
| | What animals have four legs? Tell me as many as you can. | | | | |
| | 1 | | (1) | (0) | |
| | 2 | | (1) | (0) | |
| | 3 | | (1) | (0) | |
| | 4 | | (1) | (0) | |
| | 5 | | (1) | (0) | |
| | 6 | | (1) | (0) | |
| | 7 | | (1) | (0) | |
| | 8 | | (1) | (0) | |
| | 9 | | (1) | (0) | |
| | 10 | | (1) | (0) | |
| 9 | Similarities | <i>To introduce this item say "An apple and a banana are alike in that they are both fruit." Then go to the actual task. Only coach with the first sub-item if necessary.</i> | | | /6 |
| | In what way are and ... alike? | | | | |
| | Arm – Leg | Body parts; limbs; extremities | (2) | | |
| | Verbatim response | Other correct answer | (1) | | |
| | | Incorrect or tells difference, DK | | (0) | |
| | Laughing – Crying | Feelings, emotions | (2) | | |
| | Verbatim response | Other correct answer | (1) | | |
| | | Incorrect; tells difference; DK | | (0) | |
| | Eating – Sleeping | Essential for life | (2) | | |
| | Verbatim response | Other correct answer | (1) | | |
| | | Incorrect; tells difference; DK | | (0) | |
| 10 | Repetition | Tell the subject: "Repeat exactly what I say..." | | | /5 |
| | "He would like to go home" | Correct | (2) | | |
| | | One or 2 missed or wrong words | (1) | | |
| | | > 2 missed or wrong words | | (0) | |
| | Now repeat "No ifs, ands, or buts" | | | | |
| | No ifs | <i>Give no credit if "s" is missed;</i> | (1) | (0) | |
| | ands | <i>Give no credit if "s" is missed;</i> | (1) | (0) | |
| | or buts | <i>Give no credit if "s" is missed;</i> | (1) | (0) | |
| 11 | Read and Obey | | Correct | Incorrect | /3 |
| | "CLOSE YOUR EYES" | | | | |
| | | Obeys without prompting | (3) | | |
| | | Obeys after prompting | (2) | | |
| | | Reads only | (1) | | |
| | | Neither reads nor obeys | | (0) | |
| 12 | Writing | <i>OK to dictate word by word if necessary; score 1 point for each word. For each word score (0), if there is a spelling error or incorrect mixed capitalisation. No penalty for printing all letters in upper case.</i> | | | /5 |
| | → use attached sheet | | | | |
| | I would like to have a sample of your handwriting. Write "He would like to go home" | | | | |
| | (He/I) would | | (1) | (0) | |
| | like | | (1) | (0) | |
| | to | | (1) | (0) | |
| | go | | (1) | (0) | |
| | home | | (1) | (0) | |

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| 13 | Copying 2 pentagons | Allow up to 1 minute for response. If patient wants to try again do not re-start timing. Score for the better product completed in 1 minute. | | | /10 |
| | Can you copy this? | MMSE only: correct (1) or incorrect (2) → | | | |
| | Pentagon 1 | 5 approx equal sides | (4) | | |
| | | 5 but un-equal (>2:1) sides | (3) | | |
| | | Other enclosed figure | (2) | | |
| | | 2 or more lines | (1) | | |
| | | Less than 2 lines | | (0) | |
| | Pentagon 2 | 5 approx equal sides | (4) | | |
| | | 5 but un-equal (>2:1) sides | (3) | | |
| | | Other enclosed figure | (2) | | |
| | | 2 or more lines | (1) | | |
| | | Less than 2 lines | | (0) | |
| | Intersection | 4-cornered enclosure | (2) | | |
| | | Not 4-cornered enclosure | (1) | | |
| | | No enclosure | | (0) | |
| 14 | Three-stage command | Use the patients non-dominant hand for this task | | | /3 |
| | Take this paper with your L/R hand, | | (1) | (0) | |
| | Fold it in half, and | | (1) | (0) | |
| | Hand it back to me | | (1) | (0) | |
| 15 | Second Recall | If patient unable to spontaneously recall words give category cue first then offer multiple choices. If still incorrect, score 0. | | | /9 |
| | What three words did I ask you to remember earlier? | | | | |
| | SHIRT | Spontaneously correct | (3) | (0) | |
| | | After cue "something to wear" | (2) | (0) | |
| | | After cue "Shoe, shirt, sock" | (1) | (0) | |
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| | | After cue "honesty, charity, modesty" | (1) | (0) | |
| | Verbatim response | Still incorrect | | (0) | |

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Cut-off scores:

3MS total score ranges from 0 – 100, with higher numbers indicating less impairment

3MS total score < 79: cognitive impairment

3MS total score < 48: severe impairment

CLOSE YOUR EYES

