

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

Please circle

	Question	Verbatim response or instruction	correct	incorrect	3MS
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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	Question	Verbatim response or instruction	Correct	Incorrect	3MS
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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	Question	Verbatim response or instruction	Correct	Incorrect	3MS
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)	
		Still incorrect		(0)	
	BROWN _____	Spontaneously correct	(3)	(0)	
		After cue "A colour"	(2)	(0)	
		After cue "blue, black, brown "	(1)	(0)	
		Still incorrect		(0)	
	HONESTY _____	Spontaneously correct	(3)	(0)	
		After cue "a good personal quality"	(2)	(0)	
		After cue "honesty, charity, modesty"	(1)	(0)	
		Still incorrect		(0)	

After testing transfer all circled numbers into the grey boxes

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

