

PHASE 7 – Mini-Mental State Examination (MMSE)

I am going to ask you some questions now which have to do with your concentration and memory. Some of them may seem rather easy, others may be difficult, but we need to ask everyone the same questions.

1. ORIENTATION

Time

(a)	“What day of the week is it?”	MMM_ORA	Incorrect	0	Not asked	9
			Correct	1		
(b)	“What is the date today?”	MMM_ORBD	Incorrect	0	Not asked	9
			Correct	1		
			Day			
	Month	MMM_ORBM	Incorrect	0	Not asked	9
			Correct	1		
	Year	MMM_ORBY	Incorrect	0	Not asked	9
			Correct	1		
(c)	“What is the season?”	MMM_ORC	Incorrect	0	Not asked	9
			Correct	1		
	(write season _ MMM_ORB1 _)					

Allow flexibility when season changes, eg:-

March	=	Winter/ Spring
June	=	Spring/ Summer
September	=	Summer/ Autumn
December	=	Autumn/ Winter

Place

(d)	“Can you please tell me which county or borough you live in ?”	MMM_ORD	Incorrect	0	Not asked	9
			Correct	1		
(e)	“Can you tell me where we are now ? For instance, What is the name of this town?”	MMM_ORE	Incorrect	0	Not asked	9
			Correct	1		
(f)	“Now, can you tell me if we are north or south of the river Thames ?”	MMM_ORF	Incorrect	0	Not asked	9
			Correct	1		
(g)	“What floor of the building are we on?”	MMM_ORG	Incorrect	0	Not asked	9
			Correct	1		
(h)	“What is the name of this building?”	MMM_ORH	Incorrect	0	Not asked	9
			Correct	1		

2. REGISTRATION

“I am going to name three objects. After I have finished saying all three, I want you to repeat them. Remember what they are because I am going to ask you to name them again in a few minutes.”

Name the following three objects taking 1 second to say each: **apple, table, penny.**
Tick items which are correct on the first attempt and enter number correct under total.

Apple	MMM_RGA		
Table	MMM_RGTA		
Penny	MMM_RGP		
Total	MMM_RGTO	Not asked	9

If any errors or omissions are made on the first attempt, **repeat all the names** until subject learns all three (maximum of five repeats). Record number of repeats (record 0 if all correct on first attempt)

MMM_RGAT

First attempt: __ Repeat 1: __ Repeat 2: __ Repeat 3: __ Repeat 4: : __ Repeat 5: __

3. ATTENTION/ CONCENTRATION

“Now I would like you to take 7 away from 100.
Now take 7 away from the number you get.
Now keep subtracting 7 until I tell you to stop.”

Record answers. Score 1 point each time the difference is 7, even if a previous answer was incorrect.

Maximum score = 5 points

Subject	Response	Correct
93	MMM_ACAR	MMM_ACAC
86	MMM_ACBR	MMM_ACBC
79	MMM_ACCR	MMM_ACCC
72	MMM_ACDR	MMM_ACDC
65	MMM_ACER	MMM_ACEC

Total ____ Not asked
MMM_ACTO

Say “**Spell the word “WORLD”**”. (subject’s response) _____

(you may help subject to spell world correctly)	Incorrect	0		
	Correct	1	Not asked	9

(If the subject cannot spell “world” even with assistance - score 0.)

Say “**now spell it backwards please**” (subject’s response) _____

Allow 30 seconds to spell backwards.

	Incorrect	0		
	Correct	1	Not asked	9

4. MEMORY RECALL

“What were the three objects I asked you to repeat a little while ago?”

Tick each item answered correctly
and enter number correct under total

Apple	MMM_MRA		
Table	MMM_MRTA		
Penny	MMM_MRP		
Total	MMM_MRTO	Not asked	9

5. EXPRESSION: NAMING

Accurate naming is needed; descriptions of function or approximate answers are not acceptable. Some items may have more than one correct name, as has been indicated. Errors include description of function (eg:- 'used for telling the time' for watch).

In the case of approximate answers, you should say 'Can you think of another word for it?'

Tick each item correctly named and enter number correct under total.

	Show pencil				<u>Correct</u>
(a)	"What is this called?"	(write response _____)	Pencil		MMM_ENPL
	Show wristwatch				
(b)	"What is this called?"	(write response _____)	Watch		MMM_ENWH
			Total		MMM_ENTO

6. EXPRESSION: REPETITION

Only one presentation is allowed so it is essential that you read the phrase clearly and slowly, enunciating all the S's

**"I am going to say something and I would like you to repeat it after me:
'No ifs, ands or buts'**

MMM_ER	Incorrect	0		
	Correct	1	Not asked	9

7. LANGUAGE: READING COMPREHENSION

Show card that says "CLOSE YOUR EYES". It is not necessary for subject to read aloud. If subject reads instruction but fails to carry out action, say '**Now do what it says**'.

"Read this page and then do what it says. "

Close your eyes	MMM_LRC	Incorrect	0		
		Correct	1	Not asked	9

8. PRAXIS: IDEATIONAL

Read the following statement and then hand to the subject a sheet of paper. Make a point of handing to the subject's mid-line.

Do not repeat instructions or coach. Score a move as correct only if it takes place in the correct sequence. Tick each correct move and enter number correct under total. Maximum score = 3 points. (Note 0 if not done or not done correctly; 1 if correct).

**"I am going to give you a piece of paper.
When I do, take the paper in your right hand.
Fold the paper in half with both hands,
and put the paper down on your lap."**

Right hand	MMM_PIRH	
Folds	MMM_PIF	
On lap	MMM_PIOL	
Total	MMM_PITO	Not asked 9

