### RESULTS

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**MMSE: [ ]**  **CASE: [ ]**  **Cognigram**

### MMSE (Folstein and coll., 1975)

**Temporal Orientation**
- Day: ____________ Date: ____________ Month: ____________ Season: ____________ Year: ____________

**Spatial Orientation**
- Address: ____________ Street: ____________ City: ____________ Prov./State: _____ Country: _______

**Immediate Recall**
- Apple  □  Penny  □  Table  □  other answers: ___________________  Nb of trials [ ]
- Other answers: ___________________ Recognition (do not count)
  □ Apple  □ Penny  □ Table  □ Apple  □ Orange  □ World
  □ Parent  □ Penny  □ Table

**Attention/Calculation**
1) 100 - 7 = [ ] - 7 = [ ] - 7 = [ ] - 7 = [ ] - 7 = [ ]
2) spell WORLD backwards __________________  Higher score between 1) and 2) :

**Recall**
- Apple  □  Penny  □  Table  □  Other answers: ___________________

**Language**
- Naming
- Repetition  □ “No ifs, ands or buts”
- Reading  □ Read “CLOSE YOUR EYES”
- Sentence  □ Write a short sentence
- Command  □ Take this paper with your left hand (or right if left-handed),  □ Right-handed □ Left-handed
  □ fold it in half  □ put it on the floor

**Copy of a design**

**TOTAL: [ ]**
1. TEMPORAL ORIENTATION

Approximative time: ___________  Time elapsed since beginning of interview: ___________  
Date of birth: _________________  Age: ___________  Year of birth: _________________  

MMSE - TEMPORAL ORIENTATION Score: ___________  

2. SPATIAL ORIENTATION

Place of interview: ____________________  Place of birth: __________________________  
Describe how to get to your usual grocery store: ___________________________________  
(or church, temple, synagogue; in nursing home, describe the way to get to the dining room)  
Is Canada located North or South of the United States: ______________________________  

MMSE - SPATIAL ORIENTATION Score: ___________  

3. ATTENTION-CONCENTRATION and CALCULATION

2 + 9 = __________  27 - 5 = __________  21 X 4 = __________  
14 + 7 = __________  32 - 13 = __________  43 X 12 = __________  

If you go to the grocery store, buy a loaf of bread that costs $1.35 and you pay with a $5 bill,  
how much change would you get? _______________________  ($3.00 to $3.99 = 1,  $3.65 = 2)  

MMSE - "WORLD" BACKWARDS SPELLING Score: ___________  

4. IMMEDIATE RECALL

MEMORY FOR DESIGNS:  □ Design 1  □ Design 2  □ others: ____________________________  

STORY OF MRS WEST:
□ Mrs West  □ found  □ a little dog  □ on the street.  □ It fell sick  □ so she took it to the veterinarian's.  
□ The medication  □ was expensive.  □ Her children told her  □ she should get rid of that dog  
□ but she kept it anyhow.  □ One night,  □ there was a fire.  □ The firemen rang the doorbell  
□ but Mrs West didn't hear it.  □ It was the dog that woke her up  □ by licking her face.  
□ The dog saved her life.  □ To reward the dog.  □ she gave it a big bone.  

SPONTANEOUS RECALL: ___________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Raw Score: [ ]  0 to 2 = 0,  3 to 5 = 1,  6 or 7 = 2,  8 and + = 3  

CUED CECALL:
What is the woman's name? ________________________________________________  
What did she find on the street? ___________________________________________  
What did she do with it? _________________________________________________  
What did her children say? _______________________________________________  
What event happened one night? __________________________________________  
What did the dog do? _____________________________________________________  
What reward did she give the dog? __________________________________________  

Raw Score: [ ]  0 to 2 = 0,  3 to 5 = 1,  6 or 7 = 2  

MMSE - REGISTRATION Score: ___________
5. LANGUAGE

VERBAL FLUENCY

a) Colors (1 minute)

__________________________________________________________________________
__________________________________________________________________________

b) Animals (1 minute)

__________________________________________________________________________
__________________________________________________________________________

Raw Score : a + b = [   ]

0 to 13 = 0, 14 to 20 = 1, 21 to 27 = 2, 28 and + = 3

NAMING

Paint brush: _____________  Pot: __________________  Mushroom: ______________
Wheel barrow: ___________  Stepladder: ___________  Sword: _______________
Skate: ___________________  Flag: __________________  Anchor: ______________
Kite: _____________________  Whistle: ______________

Raw Score : [   ]

0 to 5 = 0, 6 or 7 = 1, 8 or 9 = 2, 10 or 11 = 3

MMSE - LANGUAGE Score / 2 :

6. REMOTE MEMORY

Mother's name ?: _________________________________  Father's occupation ?:

Parent's cause of death ?: __________________________
One school attended ?: ____________________________  Occupation ?:
Country the first atomic bomb was dropped on ?: __________________________
Who was Ed Sullivan: ____________________________________________
Two former American Presidents / Prime-Ministers of Canada ?: _______________________
Name of the American President killed in 1963 ?: ____________________________
German leader during World War II ?: __________________________

MMSE - LANGUAGE Score / 2 :

7. JUDGMENT AND ABSTRACTION

JUDGMENT

If there is a fire at home and you discover it first, what would you do if you can't extinguish it ?

ANTICIPATION

Picture of "Woman walking on the sidewalk"

SIMILARITIES

If an apple and a banana are both fruits, in which way are a trumpet and a drum alike ?

CONCEPTUAL SHIFTING

Fruits - Animals (1 minute)

Raw Score : [   ]

0 to 4 = 0, 5 to 9 = 1, 10 and + = 2

ABSTRACTION - PROVERBS

"You can't tell a book by it's cover" ____________________________

"Strike while the iron is hot" ____________________________

INSIGHT

Is your memory as good as it was ten years ago ?: ____________________________

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8. AGNOSIA

VISUAL
Picture of two bulls: ___________________________ Eye: ___________________________  □ /4
Horn: ___________________________ Light bulb: ___________________________  □ /3

FRAGMENTED PICTURES
Scissors: ___________________________ Trumpet or cornet: ___________________________
Magnifying glass: ___________________________ Rocking chair: ___________________________
Light bulb: ___________________________ Shoe: ___________________________
Raw Score: [ ] 0 to 2 = 0, 3 = 1, 4 = 2, 5 or 6 = 3  □ /3

FRUITS:
□ apple □ banana □ pear □ grapes □ grapefruit or other citrus fruit
Raw Score: [ ] 1 to 3 = 0, 4 or 5 = 1  □ /1

AUDITORY
Knocking on the table ___________________________ Hand clapping ___________________________
□ /2

9. APRAXIA

IDEATIONAL - IDEOMOTOR
Pretend to cut paper ___________________________ Pretend to brush your teeth ___________________________
Military salute ___________________________ Applause ___________________________
□ /2 □ /2

CONSTRUCTIONAL
Stair design ___________________________
Cube design ___________________________
□ /2 □ /2

DRAWING OF A CLOCK SHOWING 11H10
MMSE - COPY OF A DESIGN Score:  □ /3

10. RECENT MEMORY

MEMORY FOR DESIGNS: □ Design 1 □ Design 2 □ Others: ___________________________  □ /2

STORY OF MRS WEST:
□ Mrs West □ found □ a little dog □ on the street. □ It fell sick □ so she took it to the veterinarian's.
□ The medication □ was expensive. □ Her children told her □ she should get rid of that dog
□ but she kept it anyhow. □ One night, □ there was a fire. □ The firemen rang the doorbell
□ but Mrs West didn't hear it. □ It was the dog that woke her up □ by licking her face.
□ The dog saved her life. □ To reward the dog, □ she gave it a big bone.

SPONTANEOUS RECALL: ____________________________________________________________  □ /3

CUED RECALL:
What is the woman's name? ________________________________________________________  □ /2
What did she find on the street? ____________________________________________________  □ /2
What did she do with it? ____________________________________________________________  □ /2
What did her children say? _________________________________________________________  □ /2
What event happened one night? ____________________________________________________  □ /2
What did the dog do? _______________________________________________________________  □ /2
What reward did she give the dog? ____________________________________________________  □ /2

MMSE - RECALL Score:  □ /3

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2 + 9 = 11
14 + 7 = 21
27 - 5 = 22
32 - 13 = 19
21 \times 4 = 84
43 \times 12 = 516