

# The Centre for Family Medicine Memory Clinic Brain Map

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Is it Delirium?

Acute onset?	Yes	No
Fluctuating course?	Yes	No
Inattention?	Yes	No
Disorganized thinking?	Yes	No
Altered level of consciousness?	Yes	No

## Is it Depression?

SIGECAPS or GDS	Yes	No
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## Is there a reversible cause?

	Yes	No
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## Are there impaired Activities of Daily Living?

<b>Independent Activities of Daily Living</b>	<b>Basic Activities of Daily Living</b>
Shopping/social functioning	Dressing
Housework/hobbies	Eating
Accounting – banking, bills, taxes, handling cash	Ambulation
Food preparation	Toileting
Telephone/Tools/Transportation	Hygiene
Medication management	

<sup>1</sup> Criteria for ordering cranial imaging (CT or MRI) for suspected dementia: age less than 60 years, rapid or unexplained decline in cognition or function, dementia of relatively short duration (less than 2 years), recent significant head trauma, history of cancer, use of anticoagulants or history of bleeding disorder, history of urinary incontinence and gait disorders, unexplained neurological symptoms, presence of any new localizing sign, unusual or atypical cognitive symptoms or presentation, gait disturbance, or if presence of suspected cerebrovascular disease would change clinical management.

Are there deficits involving the **medial temporal lobe/hippocampus**?

Episodic Memory	3 word recall on MMSE	3	2	1	0		
	5 word recall on MoCA	5	4	3	2	1	0
	current day/day of week/season	intact		impaired			
	current events	intact		impaired			
	what the person had for breakfast/dinner(corroborated)	intact		impaired			

Are there deficits involving the **parietal lobe**?

Visuospatial Relationships	intersecting pentagons on MMSE	intact	impaired
	cube draw on MoCA	intact	impaired
	clock draw	intact	impaired <sup>1</sup>

<sup>1</sup>parietal and frontal (visuospatial and executive function)

Are there deficits involving the **frontal lobe**?

Working Memory	digit span or WORLD forwards	intact	impaired
	digit span or WORLD backwards	intact	impaired
Executive Function	clock draw	intact	impaired <sup>1</sup>
	Luria hand test	intact	impaired
	Trails B (task switching)	Intact	impaired
	"f" words: _____ (phonemic verbal fluency)	11+	<11
	months of year backwards	intact	impaired
	animal list generation: _____	intact	impaired <sup>2</sup>
	proverbs, similarities (abstraction)	intact	impaired

<sup>1</sup>frontal and parietal (executive and visuospatial function)

<sup>2</sup>frontal and anterior/inferolateral temporal lobe (executive function and semantic memory)

**Note: subcortical lesions can cause deficits in many of the above areas**