





A Decrease in Interval-of-Need Means an Increase in Caregiver Stress

Interval of Need	AD Stage (MMSE)	Functional Loss	Behaviour Problems	Formal Services	Caregiver Situation
> 7 days	MCI	None	0	0 to +	0 - Away
2 to 7 days	Mild (23 to 28)	Some iADLs (Shopping)	0 to +	+ to ++ 0 to +	Alone With CG
12 to 48 hours	Mild-Mod (18 to 22)	Most iADLs	0 to ++	++ to +++ 0 to ++	Alone, live in or Frequent visits
4 to 12 hours	Moderate (14 to 18)	All iADLs, Some pADLs	0 to ++	+ to +++	Needs live-in CG Spouse or child
2 to 4 hours	Mod-Sev (10 to 13)	Most pADLs	+ to +++	+ to +++ with respite	Live-in CG, usually spouse
<2 hour	Severe (<10)	Most pADLs incl. mobility or feeding	+ to ++++	+ to ++++ with respite	Devoted spouse CG

Stages of dementia

Mild Cognitive Impairment (MCI):

- Not as "sharp" as one year previously
- No effect on other cognitive functions and no impairment of instrumental activities of daily living (IADL: e.g. finances, shopping, cooking, etc.).
- Possibly some mild behavioural complaints (e.g. anxiety, loss of initiative, irritability etc.)
- Approach is to monitor for change every 6 to 12 months as there is an approximately 10-15% risk per year of progression to dementia.
- Interval of need \geq 7 days







Stages of dementia

Moderate-Severe

- Most pADLs, often ↓ mobility
- Often behavioural issues
- Interval of need 2-4 hours
- Rarely children, usually spouse with very high caregiver burden/stress
- LTC papers must be completed





Palliative/End of Life:

- Completely dependent in pADL
- Generally bed bound, needing feeding
- Generally in a Long Term Care setting with life expectancy less than 3 months – 6 months.
- The need is for compassionate terminal care.





< 65	5 1%	√Risk Doubles
65	2%	every 5 years of Age √Each additional
70	4%	vascular risk factor approximately
75	8%	doubles the risk
80	16%	✓Positive family history doubles the
85	32%	risk









11/20/2013







Time After First Symptom	Ideal Case	Key Issues	Action Needed
	Mrs. G.C. is a 76 year old married woman with Grade 12 education, she had a mother who developed Alzheimer's Disease onset age 84, and a medical history including hypertension, hyperlipidemia and osteoporosis. Her medications are Hydrochlorothiazide, Adalat XL, Lipitor, Calcium, Vitamin D, and Fosamax.		

Time After First Symptom	Ideal Case	Key Issues	Action Needed
O months	In the last six months her husband noted that she did seem to be a little bit forgetful having some problems with names, "not quite a sharp" as one year previously, having a little more difficulty planning the bigger family social events and being a little less interested in leisure activities. She was still driving, shopping, cooking, independent in all her IADL's although she occasionally needed a reminder to take her medication.	Public Awareness Risk factors Warning signs Early recognition	A Framework in place for a Public Awareness campaign

Time After First Symptom	Ideal Case	Key Issues	Action Needed
6 months	While at the local Pharmacy her husband noticed that the Pharmacist was offering a 2 minute Dementia Screening Test so he and Mrs. G.C. did the test. He was fine but his wife had difficulties in animal naming (9 in one minute) and clock drawing. He realized that this was a significant issue which needed medical attention.	Screening opportunities and caregiver realization that a problem exists.	Screening Program on early recognition: CDN Physicians Education Committee Multidisciplinary continuing education such as pharmacists, nurses etc.

Time After First Symptom	Ideal Case	Key Issues	Action Needed
7 months	Her husband was now worried that this was more than normal ageing and did in fact arrange an appointment with the family physician. The family physician tested first with the MMSE on which her score was 25/30. Laboratory testing was negative. Essentially the conceptualization was that Mrs. G.C. was not as "sharp with her memory" as she was 6 months previously but no other areas of cognitive function or functional abilities were affected.	Family Physician education for appropriate assessment of cognitive impairment.	Dementia Education for Family Physicians Enhanced diagnostic and treatment services to achieve realistic wait times in urban and rural areas. Electronic patient record begun.

Time After First Symptom	Ideal Case	Key Issues	Action Needed
	The Family Physician explained the concepts of mild cognitive impairment (MCI) and gave advice about being physically, mentally and socially	Family Physician awareness of MCI vs dementia.	Dementia Education for Family Physicians.
	active. He explained that it could progress to more problems with memory and said that he would see her in one year or earlier if there was greater concern about memory or function. The patient's hypertension	Treatment of vascular risk factors.	Access to medica services and monitoring and assessment.
	and hyperlipidemia were well controlled and enteric coated aspirin was started at 81 mg daily.		Referral to senior's centre fo social activities.























SEVERE

- LTC wait list up to 4 years for some Homes;
 ~25% inappropriate admissions to LTC; LTC Homes not able to accommodate different cultures, couples etc.
- Benchmarks, standard setting in dementia education for service providers to facilitate transfer of theory to practice
- Increased referral of caregiver to education regarding placement process
- Person centered care





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