

Additional file 1: Example fictive patient vignette

STAGE B INFORMATION (available information to set the reference diagnosis)			
STAGE A INFORMATION (available information to set the care-as-usual diagnosis)			
	Baseline	1-year follow-up	2-year follow-up
Age	78		
Gender	female		
Education	Higher Professional Education		
Marital state	Married		
Patient and informal caregiver history	Patient indicates that everything requires a bit more time before things get through to her. Exercise is difficult since her stiff muscles. She indicates her memory is good and concentration during reading is good if there is sufficient interest in the topic. She noticed to loose stuff more often. According to her husband memory and orientation in time has declined. When providing clues she remembers things.	Patient indicates to have trouble hearing. She does not indicate a memory decline. Husband reports further decline of memory, especially short-term memory. Furthermore he things she is disorientated and she does not ask for help by asking things again if she did not hear it well enough.	Patient indicates that memory has declined. Sleeping is ok but she lost appetite. She can't name her daily activities. According to husband and son physical functioning has declined. Orientation is difficult. Husband has to help the patient with many things.
Beginning Course	Gradual		
1st or 2nd degree relatives with dementia	0	Progressive	Progressive
1st or 2nd degree relatives with Parkinson	1		
1st or 2nd degree relatives with motor neuron disease	0		
Mini-mental State Examination (MMSE)	30/30	26/30	22/30
Clinical Dementia Rating scale (CDR)	0.5	0.5	1
Neuropsychiatric inventory (NPI)	0/144	0/144	0/144
Geriatric depression scale (GDS-15)	1/15	0/15	1/15
Disability assessment for Dementia (DAD)	100% initiative 100% planning & organisation 94% effective implementation	98% initiative 100% planning & organisation 91% effective implementation	84% initiative 92% planning & organisation 76% effective implementation
Disability assessment for Dementia (total score)	98%	96%	84%
Obese	No	No	No
Hypertension	No	No	No
Extrapyramidal Symptoms	No	No	Yes, tremble of hand
Walking difficulties	Yes, small steps	No, walks with small steps	No, walks with small steps
Focal neurological problems	No	No	No
non-fluent speech	No	No	No
other neurological problems	No	No	No
Somatic	Coronary bypass, diabetes	Coronary bypass, diabetes	Coronary bypass, diabetes, hearing problems
Smoker	Never smoked	Never smoked	Never smoked
Amount of tobacco	[not applicable]	[not applicable]	[not applicable]
Drinks alcohol	Yes	[unknown]	Yes
Amount of alcohol per week	5	[unknown]	1
Medication use	Acetylcardio, ascal, metformine	Acetylcardio, ascal, metformine	Acetylcardio, ascal, metformine

	RAW SCORE	Z-SCORE	INTERPRET
15-Word Learning Task (WLT) total	1+3+4+ 5+6=25	-2.5	Very low
15-WLT delayed recall	4	-1.6	Low
15-WLT retention (trial 5)	4 / 5	0.36	Average
15-WLT retention (max. score)	4 / 6	-0.17	Average
15-WLT recognition	13-2=11	-0.13	Average
Visual Association Test (correct)	12		Average
Fluency	25	0.05	Average
Digitspan	8 / 4		Average
Visual Object and Space Perception Battery	18 / 9		
Letter Digit Substitution Test (60 seconds)	19	-1.5	Low
Stroop Color-Word Test 1	57	-1.6	Low
Stroop Color-Word Test 2	87	-2.5	Very low
Stroop Color-Word Test 3	180	-2.4	Very low
Stroop interference (3-((2+1)/2))	113	-2.1	Very low
Trail Making Test A	90	-2.2	Very low
Trail Making Test B	141	-0.64	Below average
Trail Making Test B/A index	1.52		
Conclusion neuropsychological examination	The neuropsychological examination indicates a low mental speed. Memory performance is average except active information uptake.		
Medial temporal lobe atrophy -score left (0-4)	2		
Medial temporal lobe atrophy -score right (0-4)	2		
Global cortical atrophy (0-3)	1		
White matter lesions (Fazekas) (0-3)	1		
Infarcts	0		
Lacunes	0		
Microbleeds	0		
Other clinically relevant findings	[not applicable]		

RAW SCORE	Z-SCORE	INTERPRET	RAW SCORE	Z-SCORE	INTERPRET
3+4+6+			3+4+4+		
6+7=26	-1.6	Low	5+3=19	-2.4	Very low
6	-0.60	Below average	3	-1.9	Low
6 / 7	0.68	Above average	0 / 3	-3.7	Very low
6 / 7	0.88	Above average	0 / 6	-3.7	Very low
14-1=13	0.23	Average	13-1=12	0.25	Average
13		Average	11		Below average
11	-2	Very low	12	-1.7	Low
8 / 3		Average	7 / 4		Below average
19 / 10			20 / 10		
20	-1.4	Below average	8	-3.2	Very low
57	-1.6	Low	68.1	-3.2	Very low
87	-2.4	Very low	103.5	-3.7	Very low
240	-4.9	Very low	244.2	-4.9	Very low
169	-4.6	Very low	195	-4.7	Very low
107	-2.5	Very low	108	-2.5	Very low
215	-1.7	Low	[unknown]	[unknown]	[unknown]
2.01			[unknown]		
The patient scores mainly low on tests of mental speed, attention/concentration and executive functioning. Compared to last year several domains declined.			Scores on mental speed are very low though stable compared to last year. Memory declined except recognition.		