

Appendix Figure 1

NAME: [REDACTED]
 Ausbildung: [REDACTED] Geburtsdatum: [REDACTED]
 Geschlecht: [REDACTED] DATUM: [REDACTED]

MONTREAL COGNITIVE ASSESSMENT (MOCA)
 Alternative Version 2

VISUOSPATIAL / EXEKUTIV							PUNKTE
GEDÄCHTNIS Wortliste vorlesen, wiederholen lassen. 2 Durchgänge. Nach 5 Minuten überprüfen (s.u.)	LASTWAGEN <input checked="" type="checkbox"/> 1. Versuch <input checked="" type="checkbox"/> 2. Versuch	BANANE <input checked="" type="checkbox"/> 1. Versuch <input checked="" type="checkbox"/> 2. Versuch	GEIGE <input checked="" type="checkbox"/> 1. Versuch <input checked="" type="checkbox"/> 2. Versuch	TISCH <input checked="" type="checkbox"/> 1. Versuch <input checked="" type="checkbox"/> 2. Versuch	GRÜN <input checked="" type="checkbox"/> 1. Versuch <input checked="" type="checkbox"/> 2. Versuch	Keine Punkte	
AUFMERKSAMKEIT Zahlenliste vorlesen (1 Zahl/ Sek.) In der vorgegebenen Reihenfolge wiederholen		<input checked="" type="checkbox"/> 3 2 9 6 5 <input checked="" type="checkbox"/> 8 5 2					2/2
BENENNEN		<input checked="" type="checkbox"/> FBACMNAAJKLBAFAKDEAAAJAMOF AAB					1/1
SPRACHE Wiederholen: Ein Vogel kann in geschlossene Fenster fliegen, wenn es dunkel und windig ist. Die liebevolle Großmutter schickte Lebensmittel vor über einer Woche.		<input checked="" type="checkbox"/> 83 <input checked="" type="checkbox"/> 76 <input checked="" type="checkbox"/> 69 <input checked="" type="checkbox"/> 62 <input checked="" type="checkbox"/> 55 <small>4 oder 5 korrekte Ergebnisse: 3 P., 2 oder 3 korrekt: 2 P., 1 korrekt: 1 P., 0 korrekt: 0 P.</small>					1/3
ABSTRAKTION Gemeinsamkeit von z.B. Banane - Apfelsine = Frucht		<input checked="" type="checkbox"/> Diamant - Rubin <input checked="" type="checkbox"/> Kanone - Gewehr					2/2
ERINNERUNG Worte erinnern OHNE HINWEIS		<input checked="" type="checkbox"/> LASTWAGEN <input checked="" type="checkbox"/> BANANE <input checked="" type="checkbox"/> GEIGE <input checked="" type="checkbox"/> TISCH <input checked="" type="checkbox"/> GRÜN					0/5
Optional Hinweis zu Kategorie Mehrfachauswahl		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>					
ORIENTIERUNG		<input checked="" type="checkbox"/> Datum <input checked="" type="checkbox"/> Monat <input checked="" type="checkbox"/> Jahr <input checked="" type="checkbox"/> Wochentag <input checked="" type="checkbox"/> Ort <input checked="" type="checkbox"/> Stadt					3/6
© Z. Nasreddine MD deutsche Adaptation (2012) K Reetz, MD and A Costa Untersucher: _____						Normal $\geq 26 / 30$ TOTAL _____ / 30 + 1 Punkt wenn ≤ 12 Jahre Ausbildung	

17/30

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Appendix table 1: Neurologic examination at readmission in July 2020

Mental status	<p>Awake but drowsy oriented to person, disoriented in time and place.</p> <p>Speech: Slowed down, partially incoherent and with perseveration, naming and repetition not evaluated</p> <p>Affect: Normal. Attention: Normal attention span.</p> <p>Memory: Short-term memory partially impaired (could not recall all details of the admission day) long-term memory appears normal.</p>
Cranial nerves	<p>II-XII without pathologies (cursory exam). Minimal saccades but no pathologic nystagmus.</p>
Motor	<p>Facial motoric intact. strength 5/5 throughout all 4 extremities, higher muscle tone in upper extremity, hyperkinesia of feet. No pronator drift of out-stretched arms.</p>
Reflexes	<p>Responsive and symmetric palmomental, glabella, biceps, triceps, knee and ankle. Babinski downgoing in both feet.</p>
Sensory	<p>Intact to pin prick in all 4 extremities and face bilaterally</p>
Coordination	<p>Fine finger movements intact. No dysmetria on finger-to-nose or knee-to-heel. Romberg negative.</p>
Gait	<p>Insecure, heel and toe walking impossible.</p>

Appendix table 2: Extended laboratory analyses at readmission in July 2020

<i>marker</i>	<i>result</i>	<i>measure</i>	<i>reference</i>
Vitamins			
Vitamin B1	44	ug/l	28-85
Vitamin B6	20.3	ug/l	8.7-27.2
Endocrinology			
TPO-Ak	<1	U/ml	<5.6
TSH-Receptor-Ak	<1.0	IU/l	<1
Serology			
T.pallidum IgG/igM	<0.1	index	<1
HIV-Screening (4.Gen)	negative	index	negative
Borr. burgd. IgG	negative	index	negative
Borr. burgd. IgM	negative	index	negative
Autoimmunity			
Antinucleic antibodies	< 80	Titer	< 80
Anticytoplasmatic antibodies	80	Titer	< 80
ANCA	<40	Titer	<40
PR3 (cANCA)	<1	IU/ml	<2
MPO (pANCA)	<1	IU/ml	<4
Immunology			
IgG	7.51	g/l	7.0-16.00
IgA	2.14	g/l	0.7-4.00
IgM	0.76	g/l	0.40-2.80
free kappa light chains	11.6	mg/l	3.3 - 19.4
free lambda light chains	11.5	mg/l	5.7 - 26.3
ratio kappa/lambda (free)	1.01		0.26-1.65
Liquor (CSF)			
Albumin (serum)	33.4	g/l	37.9-52
Albumin (liquor)	125	mg/l	<350

Albumin quotient	3.7	x 10*3	9.1
IgG (serum)	7.67	g/l	6.1-16.2
IgG (liquor)	13	mg/l	<34
IgG quotient	1.7	x 10*3	
IgA (serum)	2.38	g/l	0.9-0.5
IgA (liquor)	1.8	mg/l	<5.0
IgA quotient	0.8	x 10*3	
IgM (serum)	0.94	g/l	0.4-2.4
IgM (liquor)	0.1	mg/l	<1.3
IgM quotient	0.1	x 10*3	
free kappa light chains (liquor)	0.2	mg/l	<0.1-2.0
free lambda light chains (liquor)	0.2	mg/l	<.01-0.4)
ratio kappa(lambda (free, liquor)	1		
kappa quotient	0	x 10*3	
lambda quotient	0	x 10*3	
Oligoclonal bands	negative		
Anti-NMDA-Receptor (liquor)	negative	Titer	negative
Anti-LGI1 (VGKC) (liquor)	positive (1:3.2)	Titer	negative
Anti-CASPR2 (VGKC) (liquor)	negative	Titer	negative
Dementia			
Tau-protein	586	pg/ml	<445
Phospho-Tau (pTa 181)	32	pg/ml	< 61.0
Beta-Amyloid (1-42)-protein	355	pg/ml	> 375
Amyloid Abeta (1-40)	5454	pg/ml	
Ratio Abeta/43x 10/Abeta40	0.65		>0.54
14-3-3 protein	negative		
CXCL13	<0.1	pg/ml	<20
RT-QulC	negative		

Appendix Figure 2

