

Cognition at the time of biopsy	Sex	Leading symptom	MMSE	Aβ	HPt	NPH type	Shunt / shunt response	Infarcts CT/MRI	WMC CT or MRI Periventricular/ deep	Neurological diagnosis	Cardiovascular diagnosis	Cognition at death	Age at death	Brain weight (g)	CAA	APOE	Neurodegenerative lesions		Cerebrovascular pathology contributing to cognitive status	Other cerebrovascular lesions
																	ADNC	Non-ADNC		
Normal, schizophrenia	F	Gait difficulty	N/A	-	-	-	+/-	-	2/0	Schizophrenia	Stroke	Normal	71	1565	2	N/A	Intermediate	-	Hippocampal infarct	-
Normal	F	Gait difficulty	29	-	-	INPH	+/+	-	0/0	NPH, psychiatric symptoms	Hypertension, T2D	Normal	57	1230	0	N/A	-	-	-	-
Normal	F	Gait difficulty	25	-	-	INPH	+/+	N/A	N/A	AD-type symptoms, NPH	MCC	Moderate dementia	85	1245	0	ε3/3	-	PART Braak I	Atherosclerosis	Subdural hematoma
Normal	M	Gait difficulty	26	-	-	INPH	+/+	-	1/1	NPH	Hypertension, hypercholesterolemia	MCI	68	1400	0	ε3/3	-	PART Braak I	-	Subdural hematoma
MCI	F	Gait difficulty	9 (late)	-	-	-	+/-	N/A	N/A	Undefined dementia	MCC	Severe dementia	70	1310	0	N/A	-	Aβ Thal 3	Temporal cavernoma, ipsilateral hippocampal infarcts	Diffuse ischemic lesions, diffuse white matter gliosis
MCI	F	Gait difficulty, cognitive impairment	26	-	-	INPH	+/+	-	2/2	NPH	MCC, hypertension	Moderate dementia	75	1395	0	N/A	-	PART Braak I	Multifocal infarcts, diffuse ischemic lesions	-
MCI	M	Gait difficulty	25	-	-	INPH	+/+	-	3/0	TIA, ICH, bipolar affective disorder	MCC, hypertension	MCI	74	1430	0	N/A	-	PART Braak I	Multifocal infarcts including hippocampus	-
MCI	M	Gait difficulty	N/A	-	-	INPH	+/+	-	3/3	Basilar artery aneurysm	MCC, hypertension	MCI	69	1780	0	N/A	-	PART Braak I	-	SAH from ruptured basilar aneurysm
MCI	F	Cognitive impairment	16	+	-	-	-	-	2/2	-	TIA	MCI	79	1250	0	ε3/3	Low	PSP	Atherosclerosis	Postoperative ICH
MCI	F	Cognitive impairment	29	-	-	INPH	+/-	-	2/2	NPH	MCC, chronic AF, dyslipidemia	MCI	73	1575	0	ε3/3	-	PART Braak 3	Diffuse ischemic neuronal changes	Postoperative ICH
MCI	F	Gait difficulty	29	-	-	INPH	+/+	-	0/0	NPH, vertigo, psychiatric symptoms	Hypertension	MCI	84	1235	0	N/A	-	PART Braak I	Atherosclerosis, diffuse ischemic lesions	-
MCI	F	Cognitive impairment	23	-	-	INPH	+/-	-	3/3	NPH	MCC, hypertension	MCI	90	1255	0	ε3/3	Low	-	Atherosclerosis, diffuse ischemic lesions	-
MCI	M	Gait difficulty	23	-	-	sNPH	+/+	-	0/0	NPH, epilepsy, alcohol-related dementia, vertigo, fainting, mania	Hypertension	Moderate dementia	70	1680	0	ε3/2	-	-	Atherosclerosis	-
MCI	M	Cognitive impairment	24	-	-	sNPH	+/+	-	0/0	Alcohol-related dementia, delirium, seizures	-	Moderate dementia	61	1680	0	ε3/3	-	PART Braak I	Atherosclerosis	Subdural hematoma + SAH
MCI	M	Cognitive impairment	25	-	-	INPH	+/+	-	1/1	NPH	MCC, chronic AF, congestive heart failure, hypertension	Moderate dementia	72	1380	0	ε3/3	-	PART Braak I	Atherosclerosis	-
MCI	M	Gait difficulty	20	-	-	INPH	+/+	-	3 / N/A	NPH, schizophrenia, mild disability	Hypertension	Moderate dementia	66	1570	0	N/A	-	-	-	Subdural hematoma
MCI	F	Gait difficulty	24	-	-	INPH	+/+	Right cerebellum	2/2	-	Hypertension, AF	MCI	75	1595	0	ε3/3	-	PART Braak III	Atherosclerosis	-
MCI	F	Gait difficulty	24	+	-	sNPH	+/+	-	1/0	Schizoaffective disorder	-	MCI	66	1230	0	ε4/3	Low	-	-	-
MCI	F	Gait difficulty, urinary incontinence	23	+	-	INPH	+/+	-	3/3	Parkinsonism, apraxia, delusions	Hypertension, MCC	Severe dementia	74	1220	1	N/A	Low	-	Multifocal infarcts	-
MCI	F	Gait difficulty	21	+	-	INPH	+/+	-	1/0	NPH, AD	Hypertension, MCC	Moderate dementia	82	1215	1	N/A	Intermediate	-	Occipital infarct	-

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																	ADNC	Non-ADNC		
Moderate dementia	F	Gait difficulty	20	-	-	iNPH	+/+	-	3/3	Hypokinesia, apraxia, apathy, ocular movement disorder	Hypertension	Severe dementia	81	1140	0	N/A	-	CBD PART Braak I	-	-
Moderate dementia	F	Gait difficulty	17	+	-	-	-	-	3/3	AD	Hypertension	Severe dementia	82	1435	3	N/A	Intermediate	-	-	-
Moderate dementia	F	Cognitive impairment	14	+	-	-	-	Ipsilateral thalamus	3/3	Mixed dementia	Hypertension	Severe dementia	75	1210	0	ϵ 3/3	Low	-	Cortical infarct, Atherosclerosis	-
Moderate dementia	F	Cognitive impairment	N/A	+	-	-	-	Left temporal and cerebellum, right corona radiata	1/1	AD, bipolar disorder	-	Moderate dementia	77	1350	3	ϵ 4/3	Intermediate	-	Atherosclerosis	-
Moderate dementia	M	Cognitive impairment	14	-	+	iNPH	+/-	-	2/1	NPH, AD	Aortic stenosis, multiple myeloma	Severe dementia	73	1270	0	N/A	-	PSP + PART Braak II	-	-
Moderate dementia	M	Tremor	10	+	-	iNPH	+/+	-	N/A	Parkinsonism, delusional disorder	AF, hypercholesterolemia	Moderate dementia	72	1340	0	ϵ 4/3	Intermediate	-	-	Subdural hematoma
Severe dementia	M	Cognitive impairment	5	+	-	sNPH	+/-	-	2/1	Rapidly progressing dementia NAS	-	Severe dementia	70	N/A	0	N/A	Low	-	Multifocal infarcts	-
Severe dementia	M	Cognitive impairment	14	+	+	-	-	-	0/1	Multifactorial dementia	Hypertension	Severe dementia	75	1720	2	ϵ 3/3	Low	Synucleinopathy Braak III	Atherosclerosis	-
Severe dementia	M	Gait difficulty	7	+	+	-	-	N/A	0/0	NPH	Hypertension	Severe dementia	80	1490	2	ϵ 4/4	High	-	-	-

Table 6. Case-by-case representation of the patients. Probable NPH-dementia subjects are highlighted. + = Yes, - = No.

MCI = mild cognitive impairment, MMSE = Mini-Mental State Examination, A β = amyloid- β , HP τ = hyperphosphorylated τ , N/A = not available, (i/s)NPH = (idiopathic/secondary) normal pressure hydrocephalus, CT = computed tomography, MRI = magnetic resonance imaging, WMC = white matter changes (Fazekas grades [13]), AD = Alzheimer's disease, TIA = transient ischemic attack, ICH = intracerebral hematoma, T2D = type 2 diabetes, MCC = morbus cordis coronarius, AF = atrial fibrillation, CAA = cerebral amyloid angiopathy, APOE = apolipoprotein E, ADNC = Alzheimer's disease neuropathological change, PART = primary age-related tauopathy, PSP = progressive supranuclear palsy, CBD = corticobasal degeneration, SAH = subarachnoid hemorrhage, ICH = intracerebral hemorrhage.