

**Supplementary Table 2.** Comparison of demographic and clinical data between “index”  $N_{int}$  and  $N_{ps}$  patients

Characteristic	$N_{int}$ patients (n=13)	$N_{ps}$ patients (n=76)	P
Age at inclusion (yr)	64 (61–70)	66 (61–71)	0.611
Age at last visit (yr)	70 (67–74)	71 (68–75)	0.448
Female sex	10 (76.9)	47 (61.8)	0.363
Education (yr)	12 (9–17)	9 (6–12)	0.066
Vascular risk factors			
Hypertension	3 (23.1)	25 (32.9)	0.747
Diabetes mellitus	1 (7.7)	5 (6.6)	1.000
Hypercholesterolemia	5 (38.5)	40 (52.6)	0.384
Current smoking	0 (0)	4 (5.3)	1.000
Ever smoker	7 (53.9)	29 (38.2)	0.363
Alcohol consumption	4 (30.8)	36 (47.4)	0.611
Clinical manifestations			
Migraine with aura	7 (53.9)	26 (34.2)	0.219
Migraine without aura	4 (30.8)	15 (19.7)	0.463
Stroke	6 (46.2)	55 (72.4)	0.102
Number of strokes	0 (0–1)	1 (0–2)	0.028
Any cognitive complaints	0 (0)	45 (59.2)	<0.001
Dementia	0 (0)	12 (15.8)	0.201
Transient episode of mood disturbance	2 (15.4)	36 (47.4)	0.037
Seizures	0 (0)	9 (11.8)	0.346
Clinical scales			
Severely disability preventing cognitive testing	0 (0)	10 (13.2)	0.347
mRS	1 (1–1)	3 (2–3)	<0.001
Barthel	100 (100–100)	95 (55–100)	<0.001
NIHSS	0 (0–0)	1 (0–4)	<0.001
MMSE	29 (27–30)	24 (20–28)	<0.001
MDRS	140 (139–143)	128 (108–139)	0.001
EGFr domain 1–6	3 (23.1)	34 (44.7)	0.224

Values are presented as median (interquartile range) or number (%).

$N_{int}$ , neurologically intact;  $N_{ps}$ , with permanent neurological symptoms; mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale; MMSE, Mini-Mental State Examination; MDRS, Mattis Dementia Rating Scale; EGFr, epidermal growth factor-like repeat.

**Supplementary Table 3.** Comparison of imaging data between “index”  $N_{int}$  and  $N_{ps}$  patients

Variable	$N_{int}$ patients (n=13)	$N_{ps}$ patients (n=70)	P
Brain parenchymal fraction (%)	81.4 (78.6–83.4)	76.1 (73.5–79.3)	<0.001
WMHs volume (mL)	98.4 (57.3–120.7)	85.9 (59.8–144.2)	0.633
Normalized WMHs (%)	6.5 (4.4–8.8)	6.3 (4.4–11.3)	0.706
Fazekas score–periventricular	3 (3–3)	3 (3–3)	0.245
Fazekas score–deep	3 (3–3)	3 (3–3)	0.109
WMHs score–temporal pole	1 (1–3)	2 (1–3)	0.316
Presence of lacune	9 (69.2)	63 (90.0)	0.065
Total lacune number	2 (0–9)	10 (4–15)	0.003
Presence of microbleeds	7 (53.9)	55 (78.6)	0.082
Total microbleeds number	3 (0–12)	6 (1–24)	0.160
Presence of RSSI	0 (0)	15 (21.4)	0.112

Values are presented as median (interquartile range) or number (%). In six patients of the  $N_{ps}$  group imaging data could not be assessed (one patient did not have MRI at day of clinical examination, in five cases imaging data were of poor quality).

$N_{int}$ , neurologically intact;  $N_{ps}$ , with permanent neurological symptoms; WMH, white matter hyperintensity; RSSI, recent small subcortical infarct.