

Prevalence and characteristics of vascular cognitive impairment in a European cohort of adult patients with Moyamoya angiopathy

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	Executive domain		
	<i>No VCIND</i>	<i>VCIND</i>	<i>P-value</i>
Number of patients	76	26	
Clinical characteristics			
Men, n (%)	27 (36)	9 (35)	0.93
Age at diagnosis, mean (SD)	39.2 ± 19.8	40.1 ± 14.2	1.00
Age at first neuropsychological assessment, mean (SD)	43 ± 13.4	42.8 ± 12	1.00
Delay first symptom/diagnosis (day), median (IQ)	68 (1-656)	49 (0-190.8)	0.31
Disease, n (%)	46 (61)	17 (65)	0.66
Vascular event at diagnosis, n (%)	53 (70)	21 (81)	0.28
TIA and ischemic strokes	43 (57)	16 (62)	0.66
Ischemic stroke	33 (43)	15 (58)	0.20
All strokes	43 (57)	20 (77)	0.07
Hypertension, n (%)	24 (32)	6 (23)	0.41
Smoking, n (%)	28 (37)	9 (35)	0.84
Dyslipidemia, n (%)	15 (20)	7 (27)	0.46
Radiological characteristics			
Bilateral involvement, n (%)	47 (62)	16 (62)	0.98
Transdural involvement, n (%)	17 (22)	4 (15)	-
Vertebro-basilar involvement, n (%)	10 (13)	6 (23)	0.23
Presence of ischemic lesions on MRI, n (%)	52 (68)	23 (88)	0.046*
Presence of hemorrhagic lesions on MRI, n (%)	11 (14)	5 (19)	0.57

Table S1: Clinical and radiological characteristics of patients with MMA with and without executive impairment

	Speed processing/attention domain		
	<i>No VCIND</i>	<i>VCIND</i>	<i>P-value</i>
Number of patients	76	25	
Clinical characteristics			
Men, n (%)	29 (38)	6 (24)	0.20
Age at diagnosis, mean (SD)	38.8 ± 19.6	40.7 ± 14.9	0.46
Age at first neuropsychological assessment, mean (SD)	42.1 ± 13.2	45 ± 12.5	0.21
Delay first symptom/diagnosis (day), median (IQ)	45 (1-497)	133 (0-666.5)	0.88
Disease, n (%)	47 (62)	16 (64)	0.85
Vascular event at diagnosis, n (%)	51 (67)	22 (88)	0.043*
TIA and ischemic strokes	41 (54)	18 (72)	0.11
Ischemic stroke	31 (41)	17 (68)	0.018*
All strokes	41 (54)	21 (84)	0.007*
Hypertension, n (%)	21 (28)	9 (36)	0.43
Smoking, n (%)	25 (33)	12 (48)	0.17
Dyslipidemia, n (%)	13 (17)	9 (36)	0.051
Radiological characteristics			
Bilateral involvement, n (%)	47 (62)	16 (64)	0.85
Transdural involvement, n (%)	16 (21)	5 (20)	0.94
Vertebro-basilar involvement, n (%)	10 (13)	6 (24)	0.20
Presence of ischemic lesions on MRI, n (%)	53 (70)	22 (88)	0.07
Presence of hemorrhagic lesions on MRI, n (%)	11 (14)	4 (16)	-

Table S2: Clinical and radiological characteristics of patients with MMA with and without attention/speed impairment