

Supplement table 1. Background characteristics of controls and cases in each stroke subtype.

	Controls n=34	AT n=34	p-Value	Controls n=45	LAC n=45	p-Value	Controls n=49	CE n=49	p-Value	Controls n=43	OT n=43	p-Value
Age, years mean \pm SD	70.3 \pm 8.5	70.5 \pm 8.1	0.95	67.2 \pm 10.0	67.0 \pm 9.5	0.95	70.7 \pm 9.2	71.2 \pm 9.6	0.79	64.4 \pm 11.4	64.8 \pm 11.5	0.89
Male, n (%)	23 (82.5)	23 (82.5)	1	29 (64.4)	29 (64.4)	1	35 (71.4)	35 (71.4)	1	23 (53.5)	23 (53.5)	1
Risk factors												
Hypertension, n (%)	18 (52.9)	30 (88.2)	0.001	17 (37.8)	35 (77.8)	<0.001	23 (46.9)	35 (71.4)	0.013	14 (32.6)	32 (74.4)	<0.001
Dyslipidemia, n (%)	17 (50.0)	27 (79.4)	0.011	22 (48.9)	27 (60.0)	0.29	26 (53.1)	21 (42.9)	0.31	23 (53.5)	25 (58.1)	0.66
Diabetes, n (%)	3 (8.8)	14 (41.2)	0.002	3 (6.7)	15 (33.3)	0.002	2 (4.1)	10 (20.4)	0.014	3 (7)	15 (34.9)	0.002
Atrial fibrillation, n (%)	0 (0)	10 (29.4)	<0.001	0 (0)	3 (6.7)	0.08	0 (0)	43 (87.8)	<0.001	0 (0)	3 (7)	0.08
Smoking, n (%)	10 (29.4)	21 (61.8)	0.007	11 (24.4)	25 (55.6)	0.003	6 (12.2)	27 (55.1)	<0.001	9 (20.9)	23 (53.5)	0.002
Alcohol, n (%)	22 (64.7)	14 (41.2)	0.052	26 (57.8)	17 (37.8)	0.058	27 (55.1)	21 (42.9)	0.23	23 (53.5)	23 (53.5)	1

Supplement table 2.

Association with VEGF values and neurological severity in each stroke subtype at day 0 (A) and at day 14 (B).

(A) Day 0

ATBI	mild	moderate	severe
NIHSS	0-2	3-5	6-24
n	9	13	12
VEGF(pg/ml), mean \pm SD	682 \pm 45	564 \pm 38	557 \pm 39
LAC	mild	moderate	severe
NIHSS	0-1	2-3	4-9
n	12	17	16
VEGF(pg/ml), mean \pm SD	531 \pm 68	614 \pm 57	591 \pm 59
CE	mild	moderate	severe
NIHSS	0-3	4-9	10-25
n	13	16	20
VEGF(pg/ml), mean \pm SD	536 \pm 52	540 \pm 47	603 \pm 42
OT	mild	moderate	severe
NIHSS	0-2	3-4	5-31
n	13	15	15
VEGF(pg/ml), mean \pm SD	495 \pm 57	620 \pm 53	507 \pm 53

(B) Day 14

ATBI	mild	moderate	severe
NIHSS	0-1	2-5	6-17
n	12	11	8
VEGF(pg/ml), mean ± SD	718 ± 67	653 ± 70	645 ± 62
LAC	mild	moderate	severe
NIHSS	0	1	2-6
n	15	12	11
VEGF(pg/ml), mean ± SD	552 ± 58	609 ± 65	766 ± 68
CE	mild	moderate	severe
NIHSS	0	1-3	4-24
n	13	17	17
VEGF(pg/ml), mean ± SD	565 ± 65	596 ± 56	797 ± 56
OT	mild	moderate	severe
NIHSS	0	1-2	3-24
n	7	18	15
VEGF(pg/ml), mean ± SD	519 ± 74	552 ± 46	634 ± 50