

Supplemental information

Supplementary Table 1. Baseline characteristics of the study population (n = 179)

Demographic & clinical factors	
Age, y [SD]	67 ± 10
Sex, male, n (%)	108 (60.3)
Hypertension, n (%)	77 (43.0)
Diabetes, n (%)	55 (30.7)
Dyslipidemia, n (%)	76 (42.5)
Current smoking, n (%)	61 (34.1)
Cancer type, n (%)	
Lung	52 (29.1)
Gastric/esophageal	17 (9.5)
Colorectal	10 (5.6)
Hepatobiliary	55 (30.7)
Genitourinary	36 (20.1)
Breast	4 (2.2)
Others	5 (2.8)
Systemic metastasis, n (%)	104 (58.1)
Adenocarcinoma, n (%)	93 (59.2)
Initial NIHSS score [SD]	7 ± 6
Thrombolytic therapy, n (%)	13 (7.3)
Laboratory factors	
HbA1c, % [SD]	6.1 ± 0.9
Fasting blood sugar, mg/dL [SD]	107 ± 35
Total cholesterol, mg/dL [SD]	170 ± 52
White blood cell, x 10 ³ /μL [SD]	8.18 ± 3.47
High-sensitivity CRP, mg/dL [SD]	4.16 ± 5.85
D-dimer, μg/mL [SD]	7.94 ± 12.96
Radiological factors	
MRI lesion pattern, n (%)	
Single territory	85 (47.5)
Multiple territory	94 (52.5)
Periventricular WMH (Fazekas scale), [SD]	1 ± 1
Subcortical WMH (Fazekas scale), [SD]	0 ± 1

Silent brain infarct, n (%)	65 (36.3)
Cerebral microbleeds, n (%)	41 (22.9)

Clinical outcomes

Early neurological deterioration, n (%)	31 (17.3)
3-months Modified Rankin Scale [SD]	3 ± 2

NIHSS = National Institutes of Health Stroke Scale, CRP = c-reactive protein, MRI = magnetic resonance imaging, WMH = white matter hyperintensity

Supplementary Table 2. Comparisons of characteristics according to the burden of silent brain infarcts

	Silent brain infarct			<i>P</i> -value	<i>P</i> for trend
	None	Single	Multiple		
Age	68 [59-73]	70 [60-77]	70 [62-77]	0.125	0.042
Sex	64 (56.1)	13 (50.0)	31 (79.5)	0.019	0.024
Systemic metastasis	66 (57.9)	14 (53.8)	24 (61.5)	0.825	0.773
Adenocarcinoma	58 (55.2)	15 (65.2)	20 (69.0)	0.337	0.149
Initial NIHSS score	3 [2-7]	7 [4-13]	7 [3-14]	0.002	0.001
White blood cell	7.42 [5.75-10.36]	7.33 [5.64-10.29]	8.02 [5.92-9.44]	0.899	0.756
High-sensitivity CRP	1.39 [0.25-5.31]	1.31 [0.58-7.56]	0.87 [0.24-5.27]	0.594	0.858
D-dimer	1.99 [0.70-5.43]	3.01 [0.80-11.84]	5.33 [1.48-18.02]	0.040	0.014
Multiple territory lesion	56 (49.1)	13 (50.0)	25 (64.1)	0.260	0.129

NIHSS = National Institutes of Health Stroke Scale, CRP = c-reactive protein