

Supplementary Material

1 Supplementary Tables

TABLE 1 | Baseline characteristics and outcomes were compared between included and excluded groups.

Characteristics	Included Group (n=135)	Excluded Group (n=10)	P Value
Age, mean \pm SD, year	62.2 \pm 12.6	63.8 \pm 8.2	0.222
Male, n (%)	91 (68.1)	6 (60.0)	0.728
Risk factors			
Hypertension, n (%)	85 (68.0)	7 (70.0)	1.000
Hyperlipidaemia, n (%)	61 (45.2)	5 (50.0)	1.000
Diabetes, n (%)	37 (27.4)	4 (40.0)	0.469
Smoking, n (%)	39 (28.9)	2 (20.0)	0.725
History of ischemic stroke, n (%)	18 (13.3)	1 (10.0)	1.000
Blood pressure at admission			
SBP, mean \pm SD, mmHg	153.4 \pm 22.5	152.0 \pm 19.1	0.551
DBP, median (IQR), mmHg	85 (76, 99)	79 (73, 95)	0.525
Baseline blood glucose, median (IQR), mmol/L	5.6 (5.0, 7.0)	6.1 (5.4, 9.8)	0.224
Onset-to-needle time, median (IQR), hours	3 (2, 4)	3 (3, 4)	0.620
Baseline NIHSS score, median (IQR)	5 (3, 7)	5 (4, 7)	0.844
NIHSS score at discharge, median (IQR)	3 (2, 6)	4 (2, 5)	0.726
Hospital stay, median (IQR), days	10 (8, 13)	11 (9, 13)	0.879
Infarct site			
The lenticulostriate artery, n (%)	96 (71.1)	8 (80.0)	0.725
The paramedian pontine artery, n (%)	39 (28.9)	2 (20.0)	0.725
Intravenous thrombolysis, n (%)	51 (37.8)	3 (30.0)	0.744
Dual-antiplatelet treatment, n (%)	129 (95.6)	9 (90.0)	0.400
Early neurological deterioration, n (%) [‡]	35 (25.9)	3 (30.0)	0.722
mRS scores at 3 months, median, IQR	1 (0, 2)	2 (0, 3)	0.746

Abbreviations: SD, standard deviation; IQR, interquartile range; NIHSS, National Institutes of Health Stroke Scale; mRS, Modified Rankin Scale score; SBP, systolic blood pressure; DBP, diastolic blood pressure.

TABLE 2 | Baseline characteristics and outcomes were compared between END and non-END groups.

Characteristics	END Group (n=35)	Non-END Group (n=100)	P Value
Age, median, IQR, year	62 (56, 67)	62 (52, 72)	0.918
Male, n (%)	24 (68.8)	68 (68.0)	0.950
Risk factors			
Hypertension, n (%)	22 (62.9)	63 (63.0)	0.988
Hyperlipidaemia, n (%)	19 (54.3)	42(42.0)	0.209
Diabetes, n (%)	12 (34.3)	25(25.0)	0.289
Smoking, n (%)	7 (20.0)	32 (32.0)	0.178
History of ischemic stroke, n (%)	6 (17.1)	12 (12.0)	0.441
Blood pressure at admission			
SBP, mean \pm SD, mmHg	158.7 \pm 18.3	151.6 \pm 23.7	0.223
DBP, median (IQR), mmHg	85 (78, 99)	85 (75, 96)	0.460
Baseline blood glucose, median (IQR), mmol/L	5.9 (5.1, 7.5)	5.6 (5.0, 6.8)	0.255
Onset-to-needle time, median (IQR), hours	4 (2, 4)	3 (2, 4)	0.549
Baseline NIHSS score, median (IQR)	5 (3,6)	5 (3, 8)	0.369
NIHSS score at discharge, median (IQR)	6 (3, 8)	3 (1, 4)	<0.001
Hospital stay, median (IQR), days	12 (9, 15)	10 (8, 12)	0.018
Infarct site			
The lenticulostriate artery, n (%)	26 (74.3)	70 (70.0)	0.630
The paramedian pontine artery, n (%)	9 (25.7)	30 (30.0)	0.630
Intravenous thrombolysis, n (%)	8 (22.9)	43(43.0)	0.034
Dual-antiplatelet treatment, n (%)	32 (91.4)	95 (95.0)	0.427
mRS scores at 3 months, median, IQR	2 (2, 4)	1 (0, 2)	<0.001

Abbreviations: SD, standard deviation; IQR, interquartile range; NIHSS, National Institutes of Health Stroke Scale; mRS, Modified Rankin Scale score; END, early neurological deterioration; SBP, systolic blood pressure; DBP, diastolic blood pressure.