

Supplemental Table. Clinical characteristics of the patients who received EVT during the study period

Variable	Total	Direct	Transfer	In-hospital	p
	n=326	n=180	n=107	n=39	
Female sex, n (%)	123 (38)	71 (39)	39 (36)	13 (33)	0.733
Age, y, median (IQR)	76 (68-83)	76 (69-84)	75(67-82)	76 (68-83)	0.317
Vascular risk factors, n (%)					
Hypertension	206 (63)	118 (66)	60 (56)	28 (72)	0.135
Diabetes mellitus	71 (22)	32 (18)	25 (23)	14 (36)	0.041
Hyperlipidemia	115 (35)	74 (41)	28 (26)	13 (33)	0.036
Current smoking	127 (39)	64 (36)	40 (37)	23 (59)	0.023
Premorbid modified Rankin scale score, median (IQR)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-2)	0.002
Arrival in daytime on weekdays, n (%)	121 (37)	68 (38)	41 (38)	12 (31)	0.679
NIHSS score on admission, median (IQR)	17 (10-23)	17 (10-23)	18 (9-22)	19 (12-26)	0.181
Onset-to-Reperfusion time, min, median (IQR)	257 (190-416)	244 (168-457)	290 (228-404)	221 (150-340)	0.009
Onset-to-Door time, min, median (IQR)	138 (59-296)	90 (48-326)	211 (158-299)	45 (0-130)	<0.001
Door-to-Reperfusion time, min, median (IQR)	121 (85-168)	139 (105-181)	73 (52-116)	150 (125-212)	<0.001
Door-to-Imaging time, min, median (IQR)	25 (19-34)	26 (21-33)	16 (7-25)*	34 (24-46)	<0.001
Imaging-to-Puncture time, min, median (IQR)	50 (35-84)	55 (40-86)	27 (18-41)	64 (40-111)	<0.001
Puncture-to-Reperfusion time, min, median (IQR)	41 (25-70)	45 (27-70)	38 (22-65)	45 (29-82)	0.121
Using stent retrievers, n (%)	101 (31)	53 (29)	32 (30)	16 (41)	0.841
Successful reperfusion†, n (%)	267 (82)	146 (81)	91 (85)	30 (77)	0.486
Skip head imaging in the ED, n (%)	47 (14)	0 (0)	47 (44)	0 (0)	<0.001
Major artery occlusion‡ on admission, n(%)	228 (70)	116 (64)	86 (80)	26 (67)	0.016
Concomitant t-PA treatment, n (%)	108 (33)	70 (39)	33 (31)	5 (13)	0.006
Stroke etiology on TOAST criteria, n (%)					0.083
Large artery atherosclerosis	64 (20)	34 (19)	23 (22)	7 (18)	
Cardioembolism	202 (62)	121 (67)	56 (52)	25 (64)	
Others	60 (18)	25 (14)	28 (26)	7 (18)	

mRS score 0-2 at 3 months after stroke, n (%)	144 (44)	80 (44)	53 (50)	11 (28)	0.071
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Direct: EVT patients directly came to our hospital.

Transfer: EVT patients transferred from primary stroke center.

In-hospital: EVT patients with in-hospital onset.

EVT, endovascular treatment; IQR, interquartile range; NIHSS, National Institutes of Health stroke scale; ED, emergency department; t-PA, recombinant tissue-plasminogen activator; TOAST, trial of ORG 10172 in acute stroke treatment; mRS, modified Rankin Scale.

* For 60 patients with head imaging in ED.

† Defined as Thrombolysis in Cerebral Infarction score 2b or 3.

‡ Internal carotid artery, middle cerebral artery horizontal segment, and basilar artery occlusion.