

**Supplementary Table 1.** Baseline characteristics of patients who arrived within 24 hours

	Total (n= 1,629)	YUHS (n=808)	NCVC (n=821)	P
<b>Demographics</b>				
Sex (male)	965 (59.2)	483 (59.8)	482 (58.7)	0.661
Age (year)	70.3±13.1	67.0±12.6	73.6±12.8	<0.001
BMI (kg/m <sup>2</sup> )	23.1±3.6	23.8±3.3	22.4±3.7	<0.001
AC (cm)	83.1±10.2	85.9±9.4	78.8±9.9	<0.001
<b>Past history</b>				
Hypertension	1,197 (73.6)	580 (71.8)	617 (75.4)	0.095
Diabetes mellitus	426 (26.2)	256 (31.7)	170 (20.8)	<0.001
Hypercholesterolemia	542 (33.3)	170 (21.0)	372 (45.5)	<0.001
Current smoker	317 (19.5)	154 (19.1)	163 (20.0)	0.650
Atrial fibrillation	460 (28.3)	190 (23.5)	270 (33.0)	<0.001
Old CVA	448 (27.6)	178 (22.0)	270 (32.9)	<0.001
<b>Previous medication</b>				
Antiplatelet	581 (41.9)	316 (39.1)	265 (45.9)	0.011
Anticoagulant	195 (12.0)	66 (8.2)	129 (15.8)	<0.001
Lipid lowering agent	414 (25.4)	233 (28.8)	181 (22.1)	0.002
<b>Stroke symptom</b>				
Total NIHSS score	4 [2-12]	4 [1-3]	6 [2-15]	<0.001
LOC responsiveness	302 (18.5)	88 (10.9)	214 (26.1)	<0.001
LOC questions	470 (28.8)	163 (20.1)	307 (37.4)	<0.001
LOC commands	334 (20.5)	137 (16.9)	197 (24.0)	<0.001
Visual field defect	344 (21.1)	179 (22.1)	165 (20.1)	0.322
Horizontal eye movement	429 (26.3)	174 (21.5)	255 (31.1)	<0.001
Facial weakness	892 (54.7)	384 (47.4)	508 (61.9)	<0.001
Arm weakness	904 (55.4)	396 (48.9)	508 (61.9)	<0.001
Leg weakness	916 (56.2)	386 (47.7)	530 (64.6)	<0.001
Sensory deficit	708 (43.4)	274 (33.8)	434 (52.9)	<0.001
Limb ataxia	150 (9.2)	100 (12.3)	50 (6.1)	<0.001
Aphasia	410 (25.1)	169 (20.9)	241 (29.4)	<0.001
Hemineglect	391 (24)	106 (13.1)	285 (34.7)	<0.001
Dysarthria	1,131 (69.3)	550 (67.9)	581 (70.8)	0.209
<b>Onset time</b>				
Weekday	1,108 (67.9)	564 (69.6)	544 (66.3)	0.145
Daytime	1,286 (78.8)	651 (80.4)	635 (77.3)	0.135
<b>Transfer mode</b>				
EMS	973 (59.7)	288 (35.6)	685 (83.4)	<0.001
Transfer from another hospital	153 (9.4)	70 (8.6)	83 (10.1)	0.309
<b>Reperfusion therapy</b>				
IV tPA	238 (14.6)	117 (14.4)	121 (14.7)	0.867
IV tPA	191 (11.7)	74 (9.2)	117 (14.3)	0.001
Endovascular therapy	90 (5.5)	71 (8.8)	19 (2.3)	<0.001

Data are presented as number of patients (%), mean± standard deviation, or median [interquartile range].

YUHS, Yonsei University Health System; NCVC, National Cerebral and Cardiovascular Center; BMI, body mass index; AC, abdominal circumference; NIHSS, National Institutes of Health Stroke Scale; LOC, level of consciousness; EMS, emergency medical service.