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Supplemental Table 1. Characteristics and comparison between nighttime-hour patients and daytime-hour patients

<i>Univariate analysis</i>				
	All N=169	Nighttime hours N=57	Daytime hours N=112	PValue
Age, y	75 (63-83)	74 (60-83)	77 (65.6-83.3)	.08
Men	85 (50)	30 (53)	55 (49)	.66
Hypertension	113 (66)	34 (60)	79 (70)	.16
Diabetes mellitus	28 (17)	9 (16)	19 (17)	.84
Dyslipidemia	62 (37)	16 (28)	46 (41)	.09
Atrial Fibrillation	54 (32)	23 (40)	31 (28)	.12
Smoking	62 (37)	20 (35)	42 (37)	.78
Pre-mechanical thrombectomy characteristics				
Blood pressure, Systolic (mmHg)	152 (133-164.5)	153 (130-167)	152 (134-164)	.88
Diastolic (mmHg)	84 (72-96.3)	82 (68-96)	87 (75.5-96)	.27
Heart rate	78 (68-90)	81 (69-93)	77 (68-87)	.17
Capillary glycemia (g/L)	1.29 (1.1-1.5)	1.24 (1.1-1.5)	1.3 (1.1-1.5)	.99
Body temperature $\ddagger$ (°C)	37 (36.6-37.4)	37 (36.7-37.4)	37 (36.5-37.3)	.50
NIHSS at admission	17 (11-20)	18 (14-22)	16 (10-20)	.08

Mothership	95 (56)	29 (51)	66 (59)	.31
IV rt-PA	77 (46)	27 (47)	50 (45)	.75
Wake up stroke	26 (15)	7 (12)	19 (17)	.50
TOAST				
Large artery atherosclerosis	11 (6.5)	4 (36)	7 (64)	
Cardioembolism	58 (34)	19 (33)	39 (67)	
Small-vessel occlusion	3 (2)	1 (33)	2 (67)	
Stroke of other determined etiology	6 (3.5)	1 (17)	5 (83)	
Stroke of undetermined etiology	91 (54)	32 (35)	59 (65)	
Occlusion site				
Tandem	31 (18)	10 (17.5)	21 (18.8)	.85
M1	95 (56)	32 (56)	63 (56)	1.00
M1-M2	20 (12)	7 (12)	13 (12)	1.00
M2	35 (21)	9 (16)	26 (23)	.31
T-Carotid	19 (11)	9 (16)	10 (9)	.20
Left sided stroke	77 (46)	30 (53)	47 (42)	.20
ASPECTS	7 (5-8)	7 (5-8)	7 (5-8)	1.00
Infarct volume (mL)	21.9 (8.8-45)	22.5 (11-45)	21.8 (8-43.8)	.80

Mechanical thrombectomy				
General anesthesia	93 (55)	28 (49)	65 (58)	.33
First pass success	54 (32)	21 (37)	33 (29)	.38
Devices pass < 5	149 (88)	51 (89)	98 (88)	.71
mTICI $\geq$ 2b	124 (74)	44 (77)	80 (71)	.46
sICH	16 (9)	3 (5)	13 (12)	.27
Delays (min)				
Admission to Imaging	27 (18-39)	28 (19-42)	26.5 (18-36)	.17
Imaging to reperfusion	144 (109-200)	148 (116-213)	137 (103-197)	.10
CSC admission to groin puncture	85 (65-115)	94 (78-123)	82 (61-105)	.009
CSC admission to reperfusion	160 (116-200)	168 (128-195)	160 (112-201)	.70
Groin puncture to reperfusion	60 (42-94)	56.5 (39-76)	60 (43-106)	.17
Symptoms onset to CSC admission	263 (136-421)	267.5 (166-390)	259 (122-481)	.80
Symptoms onset to groin puncture	355 (248-544)	361 (272-487)	347 (236-585)	.75
Outcomes				

ENI	52 (31)	22 (40)	33 (30)	.18
END	42 (25)	12 (21)	30 (27)	.34
In-hospital mortality	22 (13)	3 (5)	19 (17)	.05
mRS $\leq$ 2	68 (40)	29 (51)	39 (35)	.05

Categorical variables are expressed as numbers (%) and continuous variables as median (IQR).

TOAST, Trial of Org 10172 in Acute Stroke Treatment; sICH, symptomatic intracranial hemorrhage; CSC, Comprehensive Stroke Center; IQR, Inter Quartile Range; END, Early Neurological Deterioration; ENI, Early Neurological Improvement.

‡ Missing values : 5 in the nighttime-hour group and 10 in the daytime-hour group.

Supplemental Table 2. Multivariate analysis for factors influencing the rate of good outcome at 90 days with adjusted ORs and *P*Value

Variables	mRS ≤ 2 at 90 days		
	<i>P</i> Value	OR	CI 95%
Age	0.304	1.014	0.985 - 1.043
Men	0.330	0.687	0.322 - 1.463
Dyslipidemia	0.567	0.799	0.370 - 1.723
Atrial Fibrillation	0.724	1.173	0.484 - 2.842
NIHSS at admission	0.0001	1.151	1.080 - 1.227
IV-rtPA	0.009	0.379	0.183 - 0.785
CSC admission to groin puncture delay (min)	0.115	1.003	0.999 - 1.006
Daytime hours versus nighttime hours	0.018	0.221	0.064 - 0.770

Supplemental Table 3. Multivariate analysis: adjusted *P*Value and ORs for outcome at 90 days according to admission time for mothership patients

Variables	mRS $\leq$ 2 at 90 days		
	<i>P</i> Value	OR	CI 95%
Atrial fibrillation	0.085	2.943	0.861- 10.055
NIHSS at admission	0.0002	1.201	1.092-1.321
IV-rtPA	0.007	0.242	0.087-0.672
CSC admission to groin puncture delay (min)	0.050	1.004	1.000-1.009
Daytime hours versus nighttime hours	0.018	0.221	0.064 -0.770

Supplemental Table 4. Multivariate analysis: adjusted *P*Value and ORs for outcome at 90 days according to admission time for drip & ship patients

	mRS $\leq$ 2 at 90 days		
	<i>P</i> Value	OR	CI 95%
Hypertension	0.027	4.033	1.168-3.930
Dyslipidemia	0.024	0.243	0.071-0.831
NIHSS at CSC admission	0.015	1.128	1.024-1.243
Daytime hours versus nighttime hours	0.024	0.246	0.073-0.831