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Table 3: Baseline characteristics by trajectory of functional recovery

	Trajectory of recovery*				P value
	Stable good function (n=5104, 62%)	Recovery (n=1054, 13%)	Functional decline (n=1263, 15%)	Maintain disability (n=864, 10%)	
<i>Level of disability, mRS scores, mean (95%CI)</i>					
Premorbid	0.21 (0.19-0.22)	1.21 (1.20-1.23)	0.40 (0.37-0.43)	1.44 (1.43-1.45)	
Day 7	0.76 (0.75-0.77)	1.18 (1.16-1.20)	1.15 (1.12-1.72)	1.63 (1.62-1.65)	
Day 90	0.68 (0.66-0.70)	0.95 (0.91-0.98)	1.59 (1.58-1.61)	1.75 (1.74-1.77)	
<i>Demographic</i>					
Female	1759/5104 (34.5)	436/1054 (41.4)	549/1263 (43.5)	478/ 864 (55.3)	<0.0001
Age, yr	65.1 (13.0)	68.7 (13.2)	71.2 (12.7)	77.3 (12.3)	<0.0001
<i>Region of recruitment</i>					
Australia/UK	1873/5104 (36.7)	360/1054 (34.2)	433/1263 (34.3)	462/ 864 (53.5)	<0.0001
South America	372/5104 (7.3)	67/1054 (6.4)	110/1263 (8.7)	108/ 864 (12.5)	<0.0001
China (incl. Taiwan)	2590/5104 (50.7)	581/1054 (55.1)	598/1263 (47.3)	250/ 864 (28.9)	<0.0001
India and Sri Lanka	269/5104 (5.3)	46/1054 (4.4)	122/1263 (9.7)	44/ 864 (5.1)	<0.0001
<i>Clinical</i>					
Time from symptom onset to intervention, hrs	16.0 (6.0 - 45.0)	18.0 (6.0 - 48.0)	14.0 (5.0 - 37.0)	10.0 (4.0 - 30.0)	<0.0001
Time from hospital admission to intervention, hrs	9.0 (2.0 - 33.0)	12.0 (3.0 - 46.0)	8.0 (2.0 - 29.0)	5.0 (2.0 - 24.0)	<0.0001
<i>Clinical diagnosis†</i>					
AIS	4407/5102 (86.4)	911/1053 (86.5)	1120/1263 (88.7)	724/ 864 (83.8)	0.014
ICH	341/5102 (6.7)	73/1053 (6.9)	102/1263 (8.1)	96/ 864 (11.1)	<0.0001
NIHSS	3 (1-5)	4 (2-6)	5 (3-9)	10 (6-17)	<0.0001
GCS score	15 (15-15)	15 (14-15)	15 (14-15)	14 (11-15)	<0.0001
Systolic BP, mmHg	154.7 (27.0)	153.9 (27.2)	155.9 (27.0)	154.9 (28.3)	0.197
Diastolic BP, mmHg	87.2 (16.1)	86.6 (17.1)	85.4 (15.8)	83.5 (17.8)	<0.0001
Heart rate, bpm	75 (67-83)	75 (69-83)	77 (68-85)	78 (69-88)	<0.0001
<i>Medical history</i>					

Stroke	905/5093 (17.8)	441/1053 (41.9)	366/1259 (29.1)	375/860 (43.6)	<0.0001
Coronary artery disease	604/5092 (11.9)	184/1048 (17.6)	194/1257 (15.4)	172/849 (20.3)	<0.0001
Atrial fibrillation	356/5071 (7.0)	96/1045 (9.2)	141/1250 (11.3)	181/ 849 (21.3)	<0.0001
Heart failure	102/5077 (2.0)	43/1042 (4.1)	49/1256 (3.9)	86/ 849 (10.1)	<0.0001
Hypertension	3180/5098 (62.4)	752/1053 (71.4)	889/1261 (70.5)	615/ 862 (71.3)	<0.0001
Diabetes mellitus	1116/5093 (21.9)	315/1051 (30.0)	352/1259 (28.0)	250/ 863 (29.0)	<0.0001
Current smoker	1164/5066 (23.0)	193/1042 (18.5)	196/1250 (15.7)	72/ 853 (8.4)	<0.0001
Aspirin	2327/5102 (45.6)	590/1054 (56.0)	563/1263 (44.6)	372/ 862 (43.2)	<0.0001
Other antiplatelet agent	1026/5102 (20.1)	327/1053 (31.1)	261/1263 (20.7)	177/ 861 (20.6)	<0.0001
Anticoagulation	324/5100 (6.4)	120/1054 (11.4)	128/1261 (10.2)	111/ 862 (12.9)	<0.0001
<i>Management in the first 7 days</i>					
Aspirin	4031/5094 (79.1)	809/1051 (77.0)	959/1259 (76.2)	592/ 856 (69.2)	<0.0001
Other antiplatelet agent	2024/5086 (39.8)	442/1047 (42.2)	498/1256 (39.6)	232/ 859 (27.0)	<0.0001
Intravenous alteplase or other lytic agent	582/5103 (11.4)	76/1054 (7.2)	132/1263 (10.5)	78/ 864 (9.0)	0.0003
Endovascular clot retrieval	30/5094 (0.6)	3/1054 (0.3)	13/1261 (1.0)	6/ 862 (0.7)	0.141
Decompressive hemicranectomy	2/5094 (0.0)	1/1054 (0.1)	1/1261 (0.1)	4/ 861 (0.5)	0.003
Intensive blood pressure lowering	422/5103 (8.3)	58/1054 (5.5)	101/1263 (8.0)	56/ 864 (6.5)	0.010
Oral anticoagulant therapy	342/5092 (6.7)	89/1050 (8.5)	103/1260 (8.2)	63/ 856 (7.4)	0.105
Subcutaneous unfractionated heparin	691/5092 (13.6)	162/1051 (15.4)	220/1261 (17.4)	206/ 856 (24.1)	<0.0001
Antibiotic treatment	322/5090 (6.3)	126/1050 (12.0)	223/1258 (17.7)	327/ 858 (38.1)	<0.0001
Intravenous mannitol	354/5088 (7.0)	93/1047 (8.9)	134/1259 (10.6)	105/ 858 (12.2)	<0.0001
Statins	4094/5089 (80.4)	836/1049 (79.7)	992/1255 (79.0)	566/ 855 (66.2)	<0.0001
Antihypertensive agent(s)	2842/5092 (55.8)	629/1053 (59.7)	753/1258 (59.9)	521/ 854 (61.0)	0.002
Intensive care unit admission	177/5084 (3.5)	20/1052 (1.9)	99/1261 (7.9)	29/ 856 (3.4)	<0.0001
Acute stroke unit/ward admission	2772/5104 (54.3)	514/1054 (48.8)	730/1263 (57.8)	579/ 864 (67.0)	<0.0001
Intermittent pneumatic calf compression	405/5069 (8.0)	82/1050 (7.8)	152/1255 (12.1)	191/ 852 (22.4)	<0.0001
Physiotherapy	2458/5085 (48.3)	541/1054 (51.3)	699/1257 (55.6)	631/ 860 (73.4)	<0.0001
Occupational therapy	1723/5082 (33.9)	396/1051 (37.7)	430/1258 (34.2)	428/ 859 (49.8)	<0.0001

Data are n/N (%), mean (standard deviation) or median (interquartile range); P values are chi-square or Kruskal-Wallis tests

AIS denotes acute ischemic stroke, BP blood pressure, GCS Glasgow coma scale, ICH intracerebral hemorrhage, mRS modified Rankin scale, NIHSS National Institutes of Health Stroke Scale.

*defined by latent class analysis

†Clinician-reported from brain imaging and other investigations on hospital discharge.