sTable 1. Baseline Characteristics of Patients grouped by onset to treatment times and treatments.

	Onset to Treatment Times 0-90 min			Onset to Treatment Times 91-180 min			Onset to Treatment Times 181-270 min		
	Tenecteplase	Alteplase	P value	Tenecteplase	Alteplase	P value	Tenecteplase	Alteplase	P value
	(N=43)	(N=41)		(N=310)	(N=312)		(N=354)	(N=352)	
Mean Age -yr	61.6±11.3	63.2±9.3	0.39	66.0±11.7	64.3±11.3	0.03	65.5±11.2	65.6±11.3	0.88
Age group -yr			0.16			0.13			0.65
18-59	19 (44.2)	15 (36.6)		88 (28.4)	108 (34.6)		104 (29.4)	93 (26.4)	
60-79	21 (48.8)	26 (63.4)		184 (59.4)	177 (56.7)		215 (60.7)	225 (63.9)	
≥80	3 (7.0)	0 (0.0)		38 (12.3)	27 (8.7)		35 (9.9)	34 (9.7)	
Male Sex - no. (%)	31 (72.1)	28 (68.3)	0.70	208 (67.1)	212 (67.9)	0.82	251 (70.9)	237 (67.3)	0.30
Weight (IQR) - kg	62(54-68)	68.3(60-76)	0.72	66(57.5-75)	68.0(60-75)	0.04	65(58.7-75)	65.0(58-75.5)	0.61
Medical history- no. (%)									
Hypertension	32 (74.4)	31 (75.6)	0.90	213 (68.7)	225 (72.1)	0.25	262 (74.0)	255 (72.4)	0.64
Diabetes mellitus	11 (25.6)	12 (29.3)	0.70	74 (23.9)	92 (29.5)	0.11	85 (24.0)	103 (29.3)	0.11
Hyperlipidemia	8 (18.6)	9 (22.0)	0.70	59 (19.0)	79 (25.3)	0.06	61 (17.2)	71 (20.2)	0.32
Coronary heart disease	7 (16.3)	10 (24.4)	0.36	84 (27.1)	72 (23.1)	0.25	74 (20.9)	84 (23.9)	0.35
Arrhythmia	4 (9.3)	6 (14.6)	0.52	68 (21.9)	71 (22.8)	0.81	63 (17.8)	69 (19.6)	0.54
Current smoking - no. (%)	17 (39.5)	18 (43.9)	0.90	111 (35.9)	117 (37.5)	0.89	137 (38.7)	139 (39.6)	0.97
History of medication use - no. (%)									
Antiplatelet agents	6 (14.0)	4 (9.8)	0.74	40 (12.9)	42 (13.5)	0.84	44 (12.4)	46 (13.1)	0.80
Anticoagulant agents	1 (2.3)	0 (0.0)	>0.99	0 (0.0)	2 (0.6)	0.50	4 (1.1)	5 (1.4)	0.75

21 (48.8)	20 (48.8)	>0.99	118 (38.1)	138 (44.2)	0.12	157 (44.4)	160 (45.5)	0.77
6 (14.0)	5 (12.2)	0.81	53 (17.1)	56 (17.9)	0.78	47 (13.3)	57 (16.2)	0.27
6 (14.0)	4 (9.8)	0.74	27 (8.7)	26 (8.3)	0.87	34 (9.6)	30 (8.5)	0.62
		0.48			0.25			0.54
40 (93.0)	36 (87.8)		278 (89.7)	288 (92.3)		314 (88.7)	307 (87.2)	
3 (7.0)	5 (12.2)		32 (10.3)	24 (7.7)		40 (11.3)	45 (12.8)	
7(6-10)	9(6-11)	0.14	7(5-10)	7(6-10)	0.47	7(5-10)	7(6-10)	0.23
23 (53.5)	14 (34.1)	0.21	171 (55.2)	169 (54.2)	0.67	224 (63.3)	203 (57.7)	0.28
18 (41.9)	25 (61.0)		108 (34.8)	117 (37.5)		100 (28.2)	118 (33.5)	
2 (4.7)	2 (4.9)		31 (10.0)	26 (8.3)		30 (8.5)	31 (8.8)	
75(60-85)	75(66-82)	0.73	140(118-161)	140(116.5-161)	0.79	221.5(200-245)	230(209-250)	0.005
45(39-55)	48(40-57)	0.44	55(45-71)	60(48-78)	0.02	63.5(45-88)	65(49-91)	0.19
2 (4.7)	5 (12.2)	0.26	13 (4.2)	11 (3.5)	0.67	12 (3.4)	7 (2.0)	0.25
	6 (14.0) 6 (14.0) 40 (93.0) 3 (7.0) 7(6-10) 23 (53.5) 18 (41.9) 2 (4.7) 75(60-85) 45(39-55)	6 (14.0) 5 (12.2) 6 (14.0) 4 (9.8)  40 (93.0) 36 (87.8) 3 (7.0) 5 (12.2)  7(6-10) 9(6-11) 23 (53.5) 14 (34.1) 18 (41.9) 25 (61.0) 2 (4.7) 2 (4.9) 75(60-85) 75(66-82) 45(39-55) 48(40-57)	6 (14.0)     5 (12.2)     0.81       6 (14.0)     4 (9.8)     0.74       0.48     0.48       40 (93.0)     36 (87.8)       3 (7.0)     5 (12.2)       7(6-10)     9(6-11)     0.14       23 (53.5)     14 (34.1)     0.21       18 (41.9)     25 (61.0)       2 (4.7)     2 (4.9)       75(60-85)     75(66-82)     0.73       45(39-55)     48(40-57)     0.44	6 (14.0)       5 (12.2)       0.81       53 (17.1)         6 (14.0)       4 (9.8)       0.74       27 (8.7)         0.48         40 (93.0)       36 (87.8)       278 (89.7)         3 (7.0)       5 (12.2)       32 (10.3)         7(6-10)       9(6-11)       0.14       7(5-10)         23 (53.5)       14 (34.1)       0.21       171 (55.2)         18 (41.9)       25 (61.0)       108 (34.8)         2 (4.7)       2 (4.9)       31 (10.0)         75(60-85)       75(66-82)       0.73       140(118-161)         45(39-55)       48(40-57)       0.44       55(45-71)	6 (14.0)       5 (12.2)       0.81       53 (17.1)       56 (17.9)         6 (14.0)       4 (9.8)       0.74       27 (8.7)       26 (8.3)         0.48       0.48         40 (93.0)       36 (87.8)       278 (89.7)       288 (92.3)         3 (7.0)       5 (12.2)       32 (10.3)       24 (7.7)         7(6-10)       9(6-11)       0.14       7(5-10)       7(6-10)         23 (53.5)       14 (34.1)       0.21       171 (55.2)       169 (54.2)         18 (41.9)       25 (61.0)       108 (34.8)       117 (37.5)         2 (4.7)       2 (4.9)       31 (10.0)       26 (8.3)         75(60-85)       75(66-82)       0.73       140(118-161)       140(116.5-161)         45(39-55)       48(40-57)       0.44       55(45-71)       60(48-78)	6 (14.0)       5 (12.2)       0.81       53 (17.1)       56 (17.9)       0.78         6 (14.0)       4 (9.8)       0.74       27 (8.7)       26 (8.3)       0.87         0.48       0.25         40 (93.0)       36 (87.8)       278 (89.7)       288 (92.3)         3 (7.0)       5 (12.2)       32 (10.3)       24 (7.7)         7(6-10)       9(6-11)       0.14       7(5-10)       7(6-10)       0.47         23 (53.5)       14 (34.1)       0.21       171 (55.2)       169 (54.2)       0.67         18 (41.9)       25 (61.0)       108 (34.8)       117 (37.5)       17 (37.5)       2 (4.7)       2 (4.9)       31 (10.0)       26 (8.3)       26 (8.3)       75 (60-85)       75 (66-82)       0.73       140 (118-161)       140 (116.5-161)       0.79       45 (39-55)       48 (40-57)       0.44       55 (45-71)       60 (48-78)       0.02	6 (14.0)         5 (12.2)         0.81         53 (17.1)         56 (17.9)         0.78         47 (13.3)           6 (14.0)         4 (9.8)         0.74         27 (8.7)         26 (8.3)         0.87         34 (9.6)           40 (93.0)         36 (87.8)         278 (89.7)         288 (92.3)         314 (88.7)           3 (7.0)         5 (12.2)         32 (10.3)         24 (7.7)         40 (11.3)           7(6-10)         9(6-11)         0.14         7(5-10)         7(6-10)         0.47         7(5-10)           23 (53.5)         14 (34.1)         0.21         171 (55.2)         169 (54.2)         0.67         224 (63.3)           18 (41.9)         25 (61.0)         108 (34.8)         117 (37.5)         100 (28.2)           2 (4.7)         2 (4.9)         31 (10.0)         26 (8.3)         30 (8.5)           75(60-85)         75(66-82)         0.73         140(118-161)         140(116.5-161)         0.79         221.5(200-245)           45(39-55)         48(40-57)         0.44         55(45-71)         60(48-78)         0.02         63.5(45-88)	6 (14.0)         5 (12.2)         0.81         53 (17.1)         56 (17.9)         0.78         47 (13.3)         57 (16.2)           6 (14.0)         4 (9.8)         0.74         27 (8.7)         26 (8.3)         0.87         34 (9.6)         30 (8.5)           40 (93.0)         36 (87.8)         278 (89.7)         288 (92.3)         314 (88.7)         307 (87.2)           3 (7.0)         5 (12.2)         32 (10.3)         24 (7.7)         40 (11.3)         45 (12.8)           7 (6-10)         9 (6-11)         0.14         7 (5-10)         7 (6-10)         0.47         7 (5-10)         7 (6-10)           23 (53.5)         14 (34.1)         0.21         171 (55.2)         169 (54.2)         0.67         224 (63.3)         203 (57.7)           18 (41.9)         25 (61.0)         108 (34.8)         117 (37.5)         100 (28.2)         118 (33.5)           2 (4.7)         2 (4.9)         31 (10.0)         26 (8.3)         30 (8.5)         31 (8.8)           75 (60-85)         75 (66-82)         0.73         140 (118-161)         140 (116.5-161)         0.79         221.5 (200-245)         230 (209-250)           45 (39-55)         48 (40-57)         0.44         55 (45-71)         60 (48-78)         0.02         63.5 (45-8

IQR denotes interquartile range.

<sup>\*</sup> National Institutes of Health Stroke Scale (NIHSS) scores range from 0 to 42, with higher scores indicating more severe stroke.

sFigure 1. Enrollment and Randomization

