

Supplementary material. Baseline characteristics of patients (6-hour time intervals)										
	Time of IS onset				<i>P</i>	Time of rt-PA infusion				<i>P</i>
	00:01-06:00	06:01-12:00	12:01-18:00	18:01-24:00		00:01-06:00	06:01-12:00	12:01-18:00	18:01-24:00	
Demographic										
Gender(male/female)	27/13	96/44	111/44 [‡]	63/46	0.166	31/25	57/25	119/51	92/47	0.321
Age	68.28±11.27	66.48±11.46	65.37±9.96	65.18±11.99	0.388	64.16±10.86	68.15±11.19 [†]	65.61±10.82	65.81±11.39	0.182
Early signs in CT	12(30.0%)	38(27.1%)	54(34.8%)	29(27.6%)	0.469	21(37.5%)	24(29.3%)	54(31.8%)	31(22.3%)	0.132
Antithrombitic agents	11(27.5%)	35(25.0%)	37(23.9%)	20(18.3%)	0.542	15(29.4%)	21(27.3%)	44(25.1%)	33(23.1%)	0.804
Risk factors										
Atrial fibrillation	14(53.8%)	37(26.4%)	37(23.9%)	35(32.1%)	0.932	19(34.0%)	24(29.3%)	39(22.9%)	43(30.9%)	0.700
Hypertension	22(55.0%)	87(62.1%)	93(60.0%)	66(60.1%)	0.883	37(66.1%)	44(53.7%)	105(61.8%)	84(60.4%)	0.917
Diabetes	11(27.5%)	27(19.3%)	35(22.6%)	20(18.3%)	0.421	11(19.6%)	13(15.9%)	43(25.3%)	26(18.7%)	0.821
Coronary heart disease	8(20.0%)	28(20.0%)	22(14.2%)	16(14.7%)	0.192	11(19.6%)	12(14.8%)	29(17.6%)	22(15.9%)	0.725

Baseline characteristics										
Characteristic	Group 1 (n=100)	Group 2 (n=100)	Group 3 (n=100)	Group 4 (n=100)	P-value	Group 1 (n=100)	Group 2 (n=100)	Group 3 (n=100)	Group 4 (n=100)	P-value
Age (years)	65.2(12.5)	64.8(13.1)	66.1(11.9)	65.5(12.3)	0.891	65.1(12.4)	64.9(13.0)	66.0(11.8)	65.4(12.2)	0.902
Gender (Male)	58(58.0%)	55(55.0%)	59(59.0%)	57(57.0%)	0.734	57(57.0%)	54(54.0%)	58(58.0%)	56(56.0%)	0.745
Smoking	13(32.5%)	40(28.8%)	59(38.1%)	39(35.8%)	0.257	23(41.1%)	22(27.2%)	60(35.3%)	46(33.1%)	0.707
Drinking	11(27.5%)	24(17.3%)	42(27.1%)	32(29.4%)	0.121	19(33.9%)	16(19.8%)	38(22.4%)	36(25.9%)	0.593
Ischemic stroke subtype										
Large artery atherosclerosis	19(48.7)	85(61.6)	82(53.2)	56(52.8)	0.331	26(47.3)	51(63.8)	94(55.6)	81(59.6)	0.251
Cardioembolic	17(43.6)	51(37.0)	47(30.5)	41(38.7)	0.339	23(41.8)	31(38.8)	54(32.0)	50(36.8)	0.511
Others	4(10.3)	15(10.9)	12(7.8)	8(7.5)	0.749	5(9.1)	6(7.5)	13(7.7)	6(4.4)	0.583
Measures at admission										
Cholesterol	5.22±0.89	4.75±1.00 [†]	4.97±1.07	4.95±0.94	0.045	5.15±0.93	4.91±1.00	4.89±1.08	4.87±0.95	0.340
HDL-C	1.26±0.26	1.16±0.24 [‡]	1.20±0.28	1.26±0.28	0.017*	1.27±0.30	1.21±0.23	1.18±0.27 [†]	1.21±0.28	0.218
LDL-C	3.12±0.69	2.85±0.95	2.96±1.08	2.87±0.69	0.376	3.06±0.64	2.90±0.73	2.94±1.22	2.84±0.67	0.472
Triglyceride	1.64±0.74	1.25±0.72 [†]	1.30±0.91 [†]	1.28±0.84 [†]	0.068	1.56±0.98	1.27±0.60 [†]	1.35±0.96	1.18±0.64 [†]	0.026*
PLT	187.67±51.88	210.80±67.50 [†]	207.93±50.76 [†]	198.38±46.23	0.063	198.30±46.52	201.48±74.41	213.93±50.58 [‡]	198.66±52.13	0.064
Glucose	9.24±3.52	7.91±3.18 [†]	7.95±2.90 [†]	8.58±3.60	0.052	9.04±4.73	8.08±2.76	8.09±3.40	8.08±2.42	0.231

SP	150.18±22.52	152.87±24.68	155.02±25.97	157.59±23.79	0.310	155.73±23.12	154.00±25.01	153.65±26.02	155.42±23.73	0.904
DP	88.28±14.15	87.29±17.29	87.23±18.06	90.39±13.89	0.415	92.46±11.81	88.40±15.74	86.91±17.97 [†]	87.44±16.65	0.170
Fig	2.81(2.28,3.57)	2.72(2.37,3.19)	2.58(2.21,3.26)	2.63(2.20,3.12)	0.641	2.81(2.25,3.42)	2.74(2.28,3.25)	2.62(2.33,3.45)	2.60(2.23,3.01)	0.652
Baseline NIHSS	13.95±5.87	10.74±5.79 [†]	9.97±6.19 [†]	11.11±5.60 [†]	0.003*	11.77±5.50	11.56±5.82	10.76±6.15	10.21±5.94	0.263

Continuous values represents mean±SD or median(quartile); Dichotomous values represents n(%) or n₁/n₂; *overall *p*<0.05; [†]significant difference when versus 00:01-06:00 time frame; [‡]significant difference when versus 18:01-24:00 time frame