

Supplementary Tables to Nam et al. “ Prediction of thrombus resolution after IV thrombolysis assessed by CT-based thrombus imaging” (Thromb Haemost 2012; 107.4)

Suppl. Table 1: Univariate and multivariate analyses of factors associated with complete thrombus resolution.*

	Univariate		Multivariate	
	OR (95% CI)	<i>p</i>	OR (95% CI)	<i>p</i>
Age	0.973 (0.925-1.023)	0.285	0.978 (0.904-1.058)	0.585
Sex (female)	1.629 (0.383-6.932)	0.509	1.945 (0.158-23.883)	0.603
Baseline NIHSS score	0.877 (0.754-1.020)	0.088		
Initial systolic BP (mmHg)	1.031 (0.999-1.063)	0.055	1.011 (0.965-1.060)	0.638
Onset-to-rt-PA time (min)	1.001 (0.983-1.020)	0.923	1.004 (0.971-1.038)	0.826
CT-to-CT time (min)	1.048 (1.015-1.083)	0.004	1.055 (0.996-1.117)	0.067
Initial thrombus volume (mm ³)	0.947 (0.911-0.985)	0.006	0.921 (0.855-0.992)	0.031
Initial Hounsfield Units	1.014 (0.898-1.144)	0.826	1.042 (0.841-1.291)	0.707
Previous antiplatelet use	0.689 (0.131-3.618)	0.660		
Previous anticoagulant use	2.222 (0.401-12.305)	0.360		
Previous statin use	1.711 (0.315-9.303)	0.534		
Previous antihypertensive	1.140 (0.269-4.834)	0.859		

use

rt-PA dose [per 10 mg]	1.760 (0.818-3.785)	0.148	3.044 (0.702-13.199)	0.137
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OR; indicates odds ratio, CI; confidence interval, NIHSS; indicates National Institutes of Health Stroke Scale, rt-PA; recombinant tissue-plasminogen activator. Location of thrombus was not entered multivariate model, because all of complete resolution occurred in thrombus located middle cerebral arteries.

Suppl. Table 2: Univariate and multivariate analyses of thrombus volume resolution (%) in 65 patients with middle cerebral artery thrombi confirmed by thin-section noncontrast CT.

	Univariate		Multivariate	
	B (SE)	P	B (SE)	p
Age	0.021 (0.36)	0.954	0.204 (0.377)	0.591
Sex (female)	4.711 (10.532)	0.656	10.681 (11.218)	0.345
Onset-to-rt-PA time (min)	0.039 (0.147)	0.794	-0.132 (0.147)	0.374
CT-to-CT time (min)	0.534 (0.246)	0.034	0.478 (0.243)	0.054
Initial thrombus volume (mm ³)	-0.043 (0.106)	0.689	0.125 (0.115)	0.284
Initial Hounsfield Units	0.974 (0.91)	0.288	1.808 (0.892)	0.047
Occlusion site				
M2 vs. M1	22.507 (10.922)	0.043	27.783 (11.963)	0.024
rt-PA dose [per 10 mg]	10.145 (4.738)	0.036	13.992 (5.577)	0.015

B; regression coefficient, SE; standard error, M1; pre-bifurcation segment of the middle cerebral artery, M2; post-bifurcation segment of the middle cerebral artery, rt-PA; recombinant tissue plasminogen activator.