

Supplementary Table 3. Baseline characteristics and outcomes of study population (n=480) according to recanalization status during the 2-hour TCD-monitoring

Variable	Complete or partial recanalization (n=301)	Persisting occlusion (n=179)	P
Baseline characteristic			
Age (yr)	64±14	69±15	<0.001*
Male sex	196 (65)	93 (52)	0.005 [†]
NIHSS-score (point)	14 (9–19)	16 (10–20)	0.013*
Hypertension	196 (65)	129 (73)	0.096 [†]
Diabetes mellitus	68 (23)	48 (27)	0.280 [†]
Atrial fibrillation	87 (29)	58 (32)	0.420 [†]
Hypercholesterolemia	126 (42)	60 (35)	0.123 [†]
Coronary artery disease	78 (26)	41 (23)	0.460 [†]
Baseline TIBI score 0–1	155 (52)	96 (54)	0.650 [†]
Isolated ICA or tandem ICA/MCA occlusion	30 (10)	38 (21)	0.001 [†]
Systolic blood pressure before tPA-bolus (mm Hg)	159±26	154±27	0.085*
Diastolic blood pressure before tPA-bolus (mm Hg)	89±15	85±16	0.001*
Serum glucose before tPA-bolus (mg/dL)	130±52	136±48	0.104*
Time from symptom onset to tPA-bolus (min)	135 (113–168)	145 (120–172)	0.138*
Endovascular reperfusion therapy	6 (2)	6 (3)	0.356 [†]
Outcome			
Symptomatic intracerebral hemorrhage	8 (3)	11 (6)	0.058 [†]
Dramatic clinical recovery at 2-hr [*]	143 (50)	7 (4)	<0.001 [†]
Dramatic clinical recovery at 24-hr [§]	181 (61)	20 (12)	<0.001
3-mo favorable functional outcome, mRS 0–1	199 (66)	33 (18)	<0.001 [†]
3-mo functional independence, mRS 0–2	238 (79)	54 (30)	<0.001 [†]
3-mo mortality	19 (6)	36 (20)	<0.001 [†]
3-mo mRS score	1 (0–2)	4 (2–5)	<0.001 [†]

Values are presented as mean±standard deviation, number (%), or median (interquartile range).

TCD, transcranial Doppler; NIHSS, National Institutes of Health Stroke Scale; TIBI, thrombolysis in brain ischemia; ICA, internal carotid artery; MCA, middle cerebral artery; tPA, tissue plasminogen activator; mRS, modified Rankin Scale.

*P-value derived from Mann-Whitney-Wilcoxon test for independent samples; [†]P-value derived from Pearson's chi-square test; [‡]Missing data on 2-hour NIHSS for 27 patients; [§]Missing data on 24-hour NIHSS for 24 patients; ^{||}P-value derived from Fisher's exact test; [¶]P-value derived from Cochran-Mantel-Haenszel test.