

Supplementary Table 4. Baseline characteristics and outcomes of patients with middle cerebral artery occlusion (n=374) according to early recanalization status achieved during the first hour of TCD-monitoring

Variable	Early complete or partial recanalization (n=195)	Delayed recanalization or Persisting occlusion (n=179)	P
Baseline characteristic			
Age (yr)	63±14	69±15	<0.001*
Male sex	125 (64)	92 (52)	0.015 [†]
NIHSS-score (point)	13 (9–18)	14 (9–18)	0.625*
Hypertension	128 (66)	121 (68)	0.632 [†]
Diabetes mellitus	43 (22)	39 (22)	0.867 [†]
Atrial fibrillation	54 (28)	63 (35)	0.174 [†]
Hypercholesterolemia	81 (41)	49 (28)	0.008 [†]
Coronary artery disease	51 (26)	42 (24)	0.548 [†]
Baseline TIBI score 0–1	103 (53)	74 (41)	0.026 [†]
Systolic blood pressure before tPA-bolus (mm Hg)	160±26	150±25	<0.001*
Diastolic blood pressure before tPA-bolus (mm Hg)	90±15	83±15	<0.001*
Serum glucose before tPA-bolus (mg/dL)	129±55	133±47	0.532*
Time from symptom onset to tPA-bolus (min)	135 (110–160)	145 (120–180)	0.008*
Endovascular reperfusion therapies	3 (2)	3 (2)	0.916 [†]
Outcome			
Symptomatic intracerebral hemorrhage	5 (3)	12 (7)	0.055 [†]
Dramatic clinical recovery at 2-hr [§]	98 (53)	19 (11)	<0.001 [†]
Dramatic clinical recovery at 24-hr	123 (64)	37 (23)	<0.001 [†]
3-mo favorable functional outcome, mRS 0–1	136 (70)	54 (30)	<0.001 [†]
3-mo functional independence, mRS 0–2	164 (84)	78 (44)	<0.001 [†]
3-mo mortality	10 (5)	27 (15)	<0.001 [†]
3-mo mRS score	1 (0–2)	3 (1–5)	<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, 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; [‡]P-value derived from Fisher's exact test; [§]Missing data on 2-hour NIHSS for 23 patients; ^{||}Missing data on 24-hour NIHSS for 19 patients; [¶]P-value derived from Cochran-Mantel-Haenszel test.