

Supplementary Table 1. Outcome definitions from the transcranial Doppler monitoring

Outcome variable	Definition
Early recanalization	Complete or partial recanalization within the first 60 minutes following tPA-bolus
Delayed recanalization	Complete or partial recanalization within the time interval between 60–120 minutes following tPA-bolus
Sustained recanalization	Complete or partial recanalization at 120 minutes following tPA-bolus
Persisting occlusion	Lack of any recanalization within 120 minutes following tPA-bolus
Timing of recanalization	Elapsed time between symptom onset to beginning of recanalization
Beginning of recanalization	The time point that at least 1 point improvement in TIBI score is noticed during the TCD monitoring

tPA, tissue plasminogen activator; TIBI, thrombolysis in brain ischemia; TCD, transcranial Doppler.

Supplementary Table 2. Baseline characteristics of the whole study population (n=480)

Variable	Value
Age (yr)	66±15
Male sex	289 (60)
NIHSS-score (points)	15 (10–19)
Hypertension	325 (70)
Diabetes mellitus	116 (24)
Atrial fibrillation	145 (30)
Hypercholesterolemia	186 (39)
Coronary artery disease	119 (25)
Baseline TIBI score 0–1	251 (52)
Isolated ICA or tandem ICA/MCA occlusion	68 (14)
Systolic blood pressure before tPA-bolus (mm Hg)	157±26
Diastolic blood pressure before tPA-bolus (mm Hg)	87±16
Serum glucose before tPA-bolus (mg/dL)	133±51
Time from symptom onset to tPA-bolus (min)	140 (116–170)
Endovascular reperfusion therapy	12 (2)

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

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