

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)

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)		
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Endovascular reperfusion therapy 12 (2)	Time from symptom onset to tPA-bolus (min)	140 (116–170)
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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.