

Supplemental Table 1: Inclusion and Exclusion criteria of randomized controlled trials included								
First Author, Year	Inclusion criteria			Exclusion criteria			Pre-specified criteria for the stoppage of trial	Loss to follow-up
	Age (in years)	Stroke severity	Treatment window, hours	Clinical features	CT scan showing >33% MCA territory infarct/ischemia	Vascular imaging showing absence of large vessel occlusion		
Ciccone, 2013	18-80	NIHSS≤25	IV=4.5; IA=6	NIHSS >25, Coma	Acute infarction-no description provided	No	Yes	Nil
Broderick, 2013	Initially 18-80, after amendment 3 (in January 2009) 18-82	NIHSS ≥10;after enrolling 284 patients, NIHSS ≥8	IV=3; IA=start procedure within 5 hours and end in 7 hours	NIHSS <8	Yes, ASPECTS score < 4, Significant mass lesion with midline shift	Initially no, but after protocol amendment (in January 2009) included patients showing LVO of M1, ICA or BA on CTA	Yes ^a	Overall 4.1% of mRS
Kidwell, 2013	18-85	NIHSS 6-29; large anterior vessel occlusion, IV t-PA failure (LVO identified after IV t-PA).	8	Coma; Patient eligible for IV tPA in the first 3 hours	No	Yes	Yes	Overall 7% missing
Ciccone, 2010	18-80	NA	IV=3; IA=6	NIHSS >25, Coma	Acute infarction-no description provided.	No	Yes ^a	Nil
Sen, 2009	>18	≥4 except for isolated aphasia or hemianopia	3	Lacunar stroke syndrome	Yes, Significant mass lesion with midline shift	NA	NA	Nil

Abbreviations: CTA= computed tomography angiography, IA= intra-arterial, IV= intravenous, LVO= large vessel occlusion, MCA= middle cerebral artery, M1= first segment of MCA (horizontal), M2= second segment of MCA (insular), NA= not available, NIHSS= NIH Stroke Scale, and tPA= tissue plasminogen activator.

^atrial was stopped before completion.