

378:11–21.

4. Campbell BC, Mitchell PJ, Kleinig TJ, Dewey HM, Churilov L, Yassi N, et al. Endovascular therapy for ischemic stroke with

perfusion-imaging selection. *N Engl J Med* 2015;372:1009–1018.

Supplementary Table 1. Baseline characteristics comparison between included and excluded patients

	Included (n=414)	Excluded (n=259)	P
Age (yr)	70.1±12.4	68.1±12.4	0.043
Male sex	252 (60.9)	158 (61.0)	0.972
Admission NIHSS scores	3 (1–7)	1 (0–4)	<0.001*
Previous stroke	70 (16.9)	53 (20.5)	0.246
Hypertension	236 (57.0)	153 (59.1)	0.597
Diabetes	136 (32.9)	75 (29.0)	0.290
Hyperlipidemia	61 (14.7)	41 (15.8)	0.700
Current smoking	101 (24.4)	69 (26.6)	0.514
Coronary artery disease	52 (12.6)	30 (11.6)	0.706
Atrial fibrillation	109 (26.3)	45 (17.4)	0.007
Subtype			0.003
Large artery atherosclerosis	125 (30.2)	107 (41.3)	
Small vessel occlusion	57 (13.8)	27 (10.4)	
Cardioembolism	89 (21.5)	32 (12.4)	
Undetermined	138 (33.3)	87 (33.6)	
Other-determined	5 (1.2)	6 (2.3)	
Time from LKW to admission (h)	8.8 (3.0–20.5)	12.6 (3.4–44.8)	0.001*
Time from LKW to image (h)	12.4 (5.2–28.3)	17.7 (7.9–56.4) [†]	<0.001*
Intravenous thrombolysis	52 (12.6)	22 (8.5)	0.101
Endovascular treatment	40 (9.7)	20 (7.7)	0.390

Data were presented as mean±SD, median (interquartile range), or number (percentage).

NIHSS, National Institutes of Health Stroke Scale; LKW, last known well.

*Rank-sum test was used; [†]Data were missing in 15 patients.

Supplementary Table 2. Accuracy of patient classification according to cutoff using endovascular trials

Trial	LKW to image (h)	No. of patients	Category (mL)	JBS-01K			RAPID MRI		
				Correct	Incorrect	Accuracy (%)	Correct	Incorrect	Accuracy (%)
DEFUSE-3 ²	6–16	127	<70	116	0	100.0	115	1	99.2
			≥70	11	0		11	0	
DAWN ³	6–24	171	<21	132	1	96.5	125	8	88.9
			21–31	10	2		6	6	
			31–51	5	1		2	4	
			≥51	18	2		19	1	
EXTEND-IA ⁴	<4.5	86	<70	77	0	98.8	74	3	96.5
			≥70	8	1		9	0	

DEFUSE-3, Endovascular Therapy Following Imaging Evaluation for Ischemic Stroke; DAWN, DWI or CTP Assessment With Clinical Mismatch in the Triage of Wake-Up and Late Presenting Strokes Undergoing Neurointervention With Trevo; EXTEND-IA, Extending the Time for Thrombolysis in Emergency Neurological Deficits With Intra-Arterial Therapy; LKW, last known well; DWI, diffusion-weighted imaging; CTP, computed tomography perfusion.