

Supplementary Table 1. Definition of MeVO arterial segments

Arterial segment	Definition
Proximal M2	From the first bifurcation of the proximal MCA excluding the anterior temporal branch to the mid-Sylvian point
Distal M2	From the mid-Sylvian point to the circular sulcus of the insula
M3	From the circular sulcus of the insula to the external/superior surface of the Sylvian fissure
M4	From the external/superior surface of the Sylvian fissure to the cortex
A2	From the origin of the anterior communicating artery to the origin of the callosal-marginal artery
A3/A4	From the origin of the callosal-marginal artery to the plane of the coronal suture
P2	From the origin of the posterior communicating artery to quadrigeminal cistern entrance
P3/P4	From the origin of quadrigeminal cistern to the calcarine sulcus

MeVO, medium vessel occlusion; MCA, middle cerebral artery.

Supplementary Table 2. Baseline characteristics of patients with medium vessel occlusions and treated with endovascular thrombectomy

	Tenecteplase (n=47)	Alteplase (n=40)
Baseline characteristics		
Age (yr)	76 (67–82)	72 (64–79)
Female sex	18 (38.3)	18 (45.0)
Baseline NIHSS	11 (8–16)	11 (7–14)
Workflow times (min)		
Onset to hospital arrival (n=86)	89 (57–142)	75 (49–102)
Onset to needle (n=87)	131 (92–165)	101 (87–130)
Hospital arrival to needle (n=85)	38 (26–48)	31 (26–35)
Needle access to successful reperfusion (n=79)	83 (52–125)	87 (46–117)
Arterial access to successful reperfusion (n=79)	32 (22–55)	35.5 (18.5–49)
Type of enrolling center		
Primary stroke center	3 (6.4)	0 (0)
Comprehensive stroke center	44 (93.6)	40 (100)
Imaging characteristics		
Occlusion location		
Proximal non-dominant M2	29 (61.7)	30 (75.0)
Distal M2	10 (21.3)	6 (15.0)
M3/M4	4 (8.5)	0 (0)
A2 to A4	1 (2.1)	2 (5.0)
P2 to P4	3 (6.4)	2 (5.0)
Collateral grade (MCA occlusions, n=79)		
Poor	2 (4.6)	0 (0)
Intermediate	19 (44.2)	17 (47.2)
Good	22 (51.2)	19 (52.8)
ASPECTS (MCA occlusions, n=79)	9 (8–10)	9 (8–10)

Data are median (interquartile range) or n (%). All *P* values were >0.05.

NIHSS, National Institutes of Health Stroke Scale; MCA, middle cerebral artery; ASPECTS, Alberta Stroke Program Early CT Score.