

Supplementary Table 1. Patient characteristics at baseline

Characteristics	Active (n=14)	Placebo (n=20)	P
Age (yr)	70.6±12.7	71.4±10.1	0.846
Male sex	8 (57.0)	10 (50.0)	0.738
Hypertension	3 (21.4)	9 (45.0)	0.275
Diabetes	1 (7.1)	3 (15.0)	0.627
Treatment			0.737
Thrombolysis only	2 (14.3)	6 (30.0)	
Thrombectomy only	3 (21.4)	3 (15.0)	
Thrombolysis and thrombectomy	3 (21.4)	3 (15.0)	
No treatment	6 (42.9)	8 (40.0)	
BI at baseline	43.2±27.0	55.5±34.7	0.255
mRS at baseline	3.4±1.3	3.2±1.4	0.672
NIHSS at baseline	6.1±2.4	6.4±3.2	0.757

Values are presented as mean±standard deviation or n (%).
 BI, Barthel Index; mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale.

Supplementary Table 2. MR sequence parameters

	T2-weighted TSE	T2-weighted FLAIR	DWI	T1-weighted (SE)	T2*-weighted
Slice thickness (mm)	1–2	1–5	4–5	5	3
Repetition time (s)	4,800–5,000	4,800–11,100	3,000–8,200	580	1,160–1,255
Echo time (s)	335–382	125–382	65–89	12	23–24
Inversion time (s)	-	1,800–2,800	-	-	-
Acquisition matrix	248–256 × 231–256	248–308 × 191–256	116–192 × 94–192	272 × 206	256 × 206
Flip angle (degree)	90–120	90–120	90	70	18
Pixel spacing (mm×mm)	1–1.016 × 1–1.1016	0.5–1.016 × 0.5–1.016	0.575–1.875 × 0.575–1.875	0.685 × 0.685	0.898 × 0.898
Spacing between slices (mm)	0–2	0–6	5–6	6	3

MR, magnetic resonance; TSE, turbo spin echo; FLAIR, fluid-attenuated inversion recovery; DWI, diffusion-weighted imaging; SE, spin echo.

Supplementary Table 3. BI score values

	BI score		P
	Active	Placebo	
Baseline	43.2±27.0	55.5±34.7	0.255
7 days	73.6±28.9	73.8±31.6	0.986
45 days	95.9±12.0	84.2±31.8	0.163
90 days	95.0±13.4	88.3±29.6	0.416

Values are presented as mean±standard deviation.
 BI, Barthel Index.

Supplementary Table 4. Adverse events during the 5 days of treatment

Adverse events	Active (n=14)	Placebo (n=20)	P (chi-square)
Nausea	0	1	
Headache	1	2	
Heat sensation	1	3	
Heat sensation at the lower limb	1	0	
Headache and heat sensation	0	1	
Total events	3	7	0.467