

## Supplementary

**Table S1** Comparison of recent ischemic stroke incidence between the groups

Group	Signal loss <sup>severe</sup> (n=181)	Without signal loss <sup>severe</sup> (n=94)	P value
Symptomatic, n (%)	113 (62.4)	38 (40.4)	<0.001
Asymptomatic, n (%)	68 (37.6)	56 (59.6)	

The P values for categorical data were calculated using the Chi-square test.

**Table S2** Multivariate logistic regression analysis of ischemic stroke

Characteristic	OR (95% CI)	P value
3D-TOF-MRA signal loss	2.547 (1.500–4.235)	<0.001
Male	1.576 (0.871–2.852)	0.133
Age	1.010 (0.987–1.034)	0.379
Hypertension	0.817 (0.478–1.395)	0.459
Hyperlipidemia	0.844 (0.200–3.571)	0.818
Hyperhomocysteinemia	1.752 (1.038–2.957)	0.036
Diabetes mellitus	1.135 (0.666–1.934)	0.641
Smoking	1.569 (0.864–2.851)	0.139
Drinking	1.184 (0.612–2.293)	0.616

OR, odds ratio; CI, confidence interval; 3D-TOF-MRA, three-dimensional time-flight method magnetic resonance angiography.

**Table S3** Comparison of plaque features between groups of patients with mild stenosis

HR-MRI features	Signal loss <sup>mild</sup> (n=9)	Without signal loss <sup>mild</sup> (n=25)	P value
Plaque enhancement grade, n (%)			0.002
Grade 0	2 (22.2)	21 (84.0)	
Grade 1	4 (44.4)	2 (8.0)	
Grade 2	3 (33.3)	2 (8.0)	
Grade 0 vs. non-grade 0 <sup>†</sup>	2/7	21/4	0.002

<sup>†</sup>, item is expressed in numerical values only. The P values for categorical data were calculated using the Fisher exact test. HR-MRI, high-resolution magnetic resonance imaging.