

**Supplementary Table 1.** Comparison of demographic and clinical data according to degree of cerebral artery stenosis

Characteristics	Degree of stenosis			Total	p value
	No atherosclerosis, n=136	0<stenosis<50%, n=61	≥50% stenosis, n=51		
Demographic data					
Gender, male, n (%)	92 (67.6)	37 (60.7)	32 (62.7)	161 (64.9)	0.595
Age, years, mean±SD	61±11	63±14	63±10	62±11	0.405
Risk factors, n (%)					
Hypertension	56 (41.2)	20 (32.8)	26 (51.0)	102 (41.1)	0.150
Diabetes mellitus	40 (29.4)	14 (23.0)	23 (45.1)	77 (31.0)	0.034
Hyperlipidemia	20 (14.7)	7 (11.5)	11 (21.6)	38 (15.3)	0.322
Smoking	32 (23.5)	5 (8.2)	11 (21.6)	48 (19.4)	0.038
Familial history	3 (2.2)	4 (6.6)	4 (7.8)	11 (4.4)	0.162
Coronary heart disease	13 (9.6)	10 (16.4)	10 (19.6)	33 (13.3)	0.141
Medications, n (%)					
Pre-stroke lipid lowering agents	15 (11.0)	4 (6.6)	2 (3.9)	21 (8.5)	0.247
Laboratory data, mean±SD					
LDL particle size, nm	25.9±0.8	25.2±0.7	24.5±0.8	25.9±0.9	0.010
Hemoglobin, g/L	13±2	13±1	12±2	13±2	0.098
White blood cell count, ×10 <sup>12</sup> /L	6±2	7±2	8±4	7±3	0.104
Total cholesterol, mg/dL	177±34	189±28	181±37	181±34	0.085
High density lipoprotein, mg/dL	44±11	46±13	42±11	44±12	0.375
Low density lipoprotein, mg/dL	110±33	119±29	117±31	114±31	0.142
Lipoprotein (a), mg/dL	21±18	22±17	29±24	23±20	0.098
Triglyceride, mg/dL	116±67	120±59	122±62	118±64	0.497
Hemoglobin A1C, %	6±1	6±1	7±2	7±1	0.003
High sensitivity C-reactive protein	1±2	1±2	1±3	1±2	0.123
Fasting glucose, mg/dL	104±32	101±39	126±51	108±39	0.009
TG/HDL ratio	2±2	3±2	3±2	3±2	0.432
Total cholesterol/HDL ratio	4±1	4±1	4±2	4±1	0.325
LDL/HDL ratio	2±1	2±1	3±1	3±1	0.108
Clinical data					
Body mass index, mean±SD	24±2	23±2	23±2	24±1	0.025
Initial NIHSS score, median (interquartile range)	3 (1–5)	3 (1–5)	3 (2–5)	3 (2–5)	0.782
mRS score at 3 month, median (interquartile range)	3 (1–5)	3 (1–5)	3 (2–5)	3 (2–5)	0.003

The data are presented as n (%), mean±SD values or median (interquartile ranges).

HDL: high-density lipoprotein, LDL: low-density lipoprotein, mRS: modified Rankin scale, NIHSS: National Institute of Health Stroke Scale, n: number, SD: standard deviation, TG: triglyceride.