

Table S1 Comparison of plaque features between patients with and without prolonged HI

	Mean ± SD, or n (%), or median (IQR)		P value
	Patients with prolonged HI (n=23)	Patients without prolonged HI (n=33)	
Plaque morphology			
Lumen area, mm ²	31.8 (27.4, 41.9)	32.1 (24.8, 38.5)	0.521
Wall area, mm ²	38.6 (33.1, 47.3)	37.9 (32.7, 44.3)	0.708
Total vessel area, mm ²	73.9 (63.6, 87.8)	71.4 (59.1, 86.1)	0.588
Maximum wall thickness, mm	4.20 (3.71, 5.75)	4.64 (4.06, 5.92)	0.377
Plaque length, mm	21.4 (16.5, 26.6)	16.5 (13.5, 21.3)	0.021*
Distance from carotid bifurcation to maximum stenotic lesion*, mm	3.0 (0, 8.0)	4.0 (1.0, 8.0)	0.625
NWI, %	56.0 (51.4, 60.5)	56.8 (51.9, 60.2)	0.745
Plaque compositions			
Presence of calcification	13 (57)	22 (67)	0.440
Presence of LRNC	23 (100)	31 (94)	0.229
Presence of IPH	10 (43)	15 (45)	0.884
Volume of calcification, mm ³	2.32 (0, 13.4)	2.63 (0, 26.3)	0.650
Volume of LRNC, mm ³	66.8 (27.8, 134.4)	74.5 (33.0, 212.1)	0.708
Volume of IPH, mm ³	66.8 (27.8, 134.4)	54.1 (14.9, 127.0)	0.628
Fibrous cap rupture	7 (30)	15 (45)	0.258
Vulnerable plaque	13 (57)	20 (61)	0.760
Death	0	0	–
Stroke	1 (4)	0	0.704