

**Supplementary Table 1. Comparison of clinical characteristics between patients who needed percutaneous coronary intervention during follow-up and those who did not among those with documented coronary artery spasm**

	Patients with CAS	Later PCI (+)	Later PCI (-)	
	(n = 830)	(n = 28)	(n = 802)	P-value
Age, years	54.7 ± 9.3	52.7 ± 8.2	54.8 ± 9.3	0.255
Males	590 (71.1)	22 (78.6)	568 (70.8)	0.525
Hypertension	256 (30.8)	11 (39.3)	245 (30.5)	0.405
Diabetes mellitus	70 (8.4)	0 (0.0)	70 (8.7)	0.160
Dyslipidemia	313 (37.7)	13 (46.4)	300 (37.4)	0.330
Smoking	411 (49.5)	16 (57.1)	395 (49.3)	0.447
History of PCI	38 (4.6)	3 (10.7)	35 (4.4)	0.176
RWMA on Erg Echo				0.837

RWMA in LAD territory	377 (45.4)	18 (64.3)	359 (44.8)	
RWMA in RCA territory	308 (37.1)	6 (21.4)	302 (37.7)	
RWMA in LCX territory	113 (13.6)	3 (10.7)	110 (13.7)	
RWMA in multiple territories	28 (3.4)	1 (3.6)	27 (3.4)	
<b>Medication</b>				
CCB alone	113 (13.6)	5 (17.9)	108 (13.5)	0.571
CCB + nitrates	637 (76.7)	23 (82.1)	614 (76.6)	0.781
Combination of more than 2 CCBs	76 (9.2)	0 (0.0)	76 (9.5)	1.000

Values are mean ± standard deviation or n (%). PCI, percutaneous coronary intervention; RWMA, regional wall motion abnormality; LAD, left anterior descending artery; RCA, right coronary artery; LCX, left circumflex artery; CCB, calcium channel blocker.

Supplementary Table 2. Clinical characteristics of patients who underwent later percutaneous coronary intervention

	Patients with PCI	CAS (+)	CAS (-)	
	(n = 62)	(n = 28)	(n = 34)	P-value
Age, years	55.7 ± 9.1	52.7 ± 8.2	58.2 ± 9.3	0.017
Males	42 (67.7)	22 (78.6)	20 (58.8)	0.112
Hypertension	28 (45.2)	11 (39.3)	17 (50.0)	0.450
Diabetes mellitus	4 (6.5)	0 (0.0)	4 (11.8)	0.120
Dyslipidemia	31 (50.0)	13 (46.4)	18 (52.9)	0.799
Smoking	27 (43.5)	16 (57.1)	11 (32.4)	0.072
History of PCI	5 (8.1)	3 (10.7)	2 (5.9)	0.650
Clinically-driven later PCI				0.169
Asymptomatic	6 (9.7)	5 (17.9)	1 (2.9)	

Worsening angina	45 (72.6)	17 (60.7)	28 (82.4)
NSTEMI	7 (11.3)	4 (14.3)	3 (8.8)
STEMI	4 (6.5)	2 (7.1)	2 (5.9)
Later PCI territory			0.576
LAD	28 (45.2)	14 (50.0)	14 (41.2)
Non-LAD	19 (30.6)	9 (32.1)	10 (29.4)
Multivessel	15 (24.2)	5 (17.9)	10 (29.4)

**Supplementary Table 3. Coronary artery territory who underwent later percutaneous coronary intervention after documentation of coronary artery spasm**

	Later PCI	LAD CAS	Non-LAD	
	(N = 28)	(N = 18)	(N = 10)	P
<b>Later PCI territory</b>				
LAD	14	13	1	
Non-LAD	9	1	8	
Multiple territories	5	4	1	
3 vessels	1	1	0	
LAD and RCA	2	1	1	
LAD and LCX	1	1	0	
RCA and LCX	1	1	0	
Concordance of CAS and PCI territory		16/18	9/10	1.000

PCI, percutaneous coronary intervention; CAS, coronary artery spasm; LAD, left anterior descending coronary artery; RCA, right coronary artery; LCX, left circumflex coronary artery.