

Supplementary material

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Table S1. Baseline patient characteristics and clinical presentation according to type of performed coronary procedure

Clinical variable	Isolated diagnostic coronary angiography			PCI ± coronary angiography		
	Stroke n = 100	Non-stroke n = 650 574	P-value	Stroke n = 57	Non-stroke n = 526 430	P-value
Age, years	72.6 (8.7)	66.3 (10.7)	<0.001	69.5 (13.1)	67.1 (10.9)	0.1
Gender, males	53 (55.2)	374 919 (57.9)	0.6	26 (52.0)	353 541 (67.5)	0.02
Arterial hypertension	75 (75.0)	447 479 (68.8)	0.2	30 (52.6)	369 454 (70.2)	0.004
Diabetes mellitus	28 (28.0)	130 039 (20.0)	0.04	10 (17.5)	126 067 (24.0)	0.26
Prior stroke	14 (14.0)	17 816 (2.7)	<0.001	8 (14.0)	17 619 (3.4)	<0.001
Prior myocardial infarction	31 (31.0)	116 496 (17.9)	0.001	12 (21.1)	141 618 (26.9)	0.37
Prior PCI	26 (26.0)	136 651 (21.0)	0.2	10 (17.5)	167 905 (31.9)	0.02
Prior CABG	16 (16.0)	34 431 (5.3)	<0.001	1 (1.8)	31 941 (6.1)	0.26
Smoking	21 (21.0)	92 599 (14.2)	0.06	10 (17.5)	111 566 (21.2)	0.6
Psoriasis	0	2 143 (0.3)	1	0	2 076 (0.4)	1
Kidney disease	12 (12.0)	33 043 (5.1)	0.01	3 (5.3)	28 971 (5.5)	0.94
COPD	2 (2.0)	16 259 (2.5)	1	0	12 071 (2.3)	0.64
	38 (38.0)	332 865 (51.2)	<0.001	6 (10.5)	121 457 (23.1)	0.01

Clinical presentation	24 (24.0)	195 229 (30.0)		9 (15.8)	159 661 (30.3)	
Stable angina	29 (29.0)	45 019 (6.9)		20 (35.1)	110 242 (20.9)	
Unstable angina						
NSTEMI	5 (5.0)	9 666 (1.5)		21 (36.8)	124 731 (23.7)	
STEMI						
Killip class						
I	79 (91.9)	488 184 (95.2)	0.25	39 (84.8)	388 861 (90.2)	0.26
II	5 (5.8)	18 640 (3.6)		5 (10.9)	27 799 (6.5)	
III	2 (2.3)	3 369 (0.7)		0	6 906 (1.6)	
IV	0	2 488 (0.5)		2 (4.4)	7 456 (1.7)	

Data are presented as mean (SD) and number (percentage).

Abbreviations: CABG, coronary artery bypass grafting; COPD, chronic obstructive pulmonary disease; NSTEMI, non-ST-segment elevation myocardial infarction; PCI, percutaneous coronary intervention; STEMI, ST-segment elevation myocardial infarction

Table S2. Coronary angiography, vascular access and pharmacotherapy

Procedural index	Isolated diagnostic coronary angiography			PCI +/- coronary angiography		
	Stroke n = 100	Non-stroke n = 650 574	<i>P</i> -value	Stroke n = 57	Non-stroke n = 526 430	<i>P</i> -value
Access site						
Radial right	53 (53)	425 081 (65.4)	<0.001	29 (50.9)	323 893	0.04
Radial left	12 (12)	112 817 (17.4)		6 (10.5)	(61.6)	
Femoral	33 (33)	107 613 (16.6)		20 (35.1)	79 525	
Other	2 (2)	4 660 (0.7)		2 (3.5)	(15.1)	

					118 354 (22.5) 4 415 (0.8)	
Coronary angiography						
Single-vessel disease	13 (13)	58 294 (9)	<0.001	19 (33.3)	242 458	0.4
MVD and no LMCA	39 (39)	109 162 (16.8)		35 (61.4)	(46.1)	
MVD and LMCA	20 (20)	49 893 (7.7)		3 (5.3)	246 307	
Separate LMCA	1 (1)	2 248 (0.4)		0 (0)	(46.9)	
Other	27 (27.0)	430 743 (66.2)		0 (0)	35 116 (6.7)	
					1 364 (0.3)	
					465 (0.08)	
Thrombolysis bifurcations	0	6	1	1 (1.8)	117 (0.02)	0.01
Bifurcations	—	—	—	4 (7)	45 534 (8.6)	0.6
Implanted stent	—	—	—	44 (77.2)	477 432 (90.7)	0.002
Drug-eluting stent	—	—	—	39 (68.4)	454 976 (86.4)	<0.001
Number of implanted drug-eluting stents						
0	—	—	—	18 (31.6)	71 457	0.02
1				33 (57.9)	(13.6)	
2				6 (10.5)	377 433	
3				0 (0)	(71.7)	
4				0 (0)	67 321	
5				0 (0)	(12.8)	

6				0 (0)	9 285 (1.8)	
7				0 (0)	819 (0.2)	
					107 (0.02)	
					10	
					(0.00002)	
					1	
					(0.000002)	
Bioresorbable scaffold	—	—	—	0 (0)	3 871 (0.7)	0.35
Bare-metal stent	—	—	—	6 (10.5)	20 773 (3.9)	0.03
Drug-eluting balloon	—	—	—	0 (0)	8 822 (1.7)	0.16
Fractional flow reserve	4 (4)	25 012 (3.8)	0.8	0 (0)	9 188 (1.8)	0.6
Intravascular ultrasound	3 (3)	4 626 (0.7)	0.04	0 (0)	3 215 (0.6)	1
Optical coherence tomography	1 (1)	704 (0.1)	0.1	0 (0)	478 (0.09)	1
Acetyl-salicylic acid	18 (18)	31 678 (4.9)	<0.001	27 (47.4)	158 911 (30.2)	0.005
Unfractionated heparin	13 (13)	18 372 (2.8)	<0.001	14 (24.6)	101 103 (19.2)	0.3
Low-molecular weight heparin	2 (2)	2 819 (0.4)	0.07	1 (1.8)	6 551 (1.2)	0.5
P2Y ₁₂ inhibitors	14 (14)	21 993 (3.4)	<0.001	19 (33.3)	123 726 (23.5)	0.3
Clopidogrel	14 (14)	20 458 (3.1)	<0.001	16 (28.1)	107 759	0.2
Ticagrelor	0 (0)	1 456 (0.2)		3 (5.2)	(20.5)	
Prasugrel	0 (0)	93 (0.01)		0 (0)	15 189 (2.9)	

					778 (0.1)	
Glycoprotein IIb/IIIa inhibitors	0 (0)	36 (0.01)	1	6 (10.5)	47 557 (9.0)	0.9
Cardiac arrest	1 (1.0)	1270 (0.2)	0.18	3 (5.3)	8 600 (1.6)	0.07
Hypothermia	0 (0)	35 (0.01)	1	0 (0)	307 (0.06)	1
Direct transport	6 (6.0)	3910 (0.6)	<0.001	11 (19.3)	37 685 (7.2)	0.002

Data are presented as number (percentage).

LMCA, left main coronary artery; MVD, multi-vessel disease; OCT, optical coherence tomography; PCI, percutaneous coronary interventions