

Supplementary material

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Table S1. Percutaneous coronary intervention (PCI) procedure — implanted stents summary

Variable	Measure/level	Age <40	Age ≥40	Total	Test	P-value
DES	N	2060	198088	200148	P	0.3232
	Yes	1687 (81.89%)	160522 (81.04%)	162209 (81.04%)		
	No	373 (18.11%)	37566 (18.96%)	37939 (18.96%)		
BVS	N	2060	198088	200148	P	<.0001
	Yes	116 (5.63%)	1737 (0.88%)	1853 (0.93%)		
	No	1944 (94.37%)	196351 (99.12%)	198295 (99.07%)		
BMS	N	2060	198088	200148	P	<.0001
	Yes	55 (2.67%)	13830 (6.98%)	13885 (6.94%)		
	No	2005 (97.33%)	184258 (93.02%)	186263 (93.06%)		
≥2 stents	N	2060	198088	200148	P	<.0001
	Yes	224 (10.87%)	32107 (16.21%)	32331 (16.15%)		
	No	1836 (89.13%)	165981 (83.79%)	167817 (83.85%)		

BMS, bare metal stent; BVS, bioresorbable vascular scaffold; DES, drug eluting stent; P, Pearson's chi-squared test

Table S2. Coronary angiography and percutaneous coronary intervention (PCI) procedure — complications

Variable	Measure/level	Age <40	Age ≥40	Total	Test	P-value
Stroke during angiogram	N	3035	196878	199913	F	0.5555
	Yes	1 (0.03%)	52 (0.03%)	53 (0.03%)		
	No	3034 (99.97%)	196826 (99.97%)	199860 (99.97%)		
Dissection during angiogram	N	3035	196878	199913	F	0.1692
	Yes	6 (0.20%)	224 (0.11%)	230 (0.12%)		
	No	3029 (99.80%)	196654 (99.89%)	199683 (99.88%)		
Bleeding at the puncture site during an angiogram	N	3035	196878	199913	F	0.6734
	Yes	2 (0.07%)	102 (0.05%)	104 (0.05%)		
	No	3033 (99.93%)	196776 (99.95%)	199809 (99.95%)		
Cardiac arrest during angiogram	N	3035	196878	199913	P	0.2770
	Yes	12 (0.40%)	1065 (0.54%)	1077 (0.54%)		
	No	3023 (99.60%)	195813 (99.46%)	198836 (99.46%)		
Allergic reaction during an angiogram	N	3035	196878	199913	F	1.0000
	Yes	0 (0.00%)	38 (0.02%)	38 (0.02%)		
	No	3035 (100.00%)	196840 (99.98%)	199875 (99.98%)		
MI during PCI	N	2060	198088	200148	F	1.0000
	Yes	1 (0.05%)	149 (0.08%)	150 (0.07%)		
	No	2059 (99.95%)	197939 (99.92%)	199998 (99.93%)		

Variable	Measure/level	Age <40	Age ≥40	Total	Test	P-value
No-reflow during PCI	N	2060	198088	200148	P	0.5087
	Yes	21 (1.02%)	1748 (0.88%)	1769 (0.88%)		
	No	2039 (98.98%)	196340 (99.12%)	198379 (99.12%)		
Bleeding at the puncture site during PCI	N	2060	198088	200148	F	1.0000
	Yes	2 (0.10%)	220 (0.11%)	222 (0.11%)		
	No	2058 (99.90%)	197868 (99.89%)	199926 (99.89%)		
Cardiac arrest during PCI	N	2060	198088	200148	P	0.4047
	Yes	12 (0.58%)	1467 (0.74%)	1479 (0.74%)		
	No	2048 (99.42%)	196621 (99.26%)	198669 (99.26%)		
Allergic reaction during PCI	N	2060	198088	200148	F	1.0000
	Yes	2 (0.10%)	275 (0.14%)	277 (0.14%)		
	No	2058 (99.90%)	197813 (99.86%)	199871 (99.86%)		
Coronary artery perforation during PCI	N	2060	198088	200148	F	0.0381
	Yes	0 (0.00%)	385 (0.19%)	385 (0.19%)		
	No	2060 (100.00%)	197703 (99.81%)	199763 (99.81%)		

F, Fisher's exact test; MI, myocardial infarction; P, Pearson's chi-squared test