

Appendix

Appendix 1: Baseline characteristics, medical history, clinical indication for PCI, PCI characteristics and DAPT and PARIS score of the SENIOR patients.

Variable	Drug-eluting stent (N=596)	Bare-metal stent (N=604)
Baseline characteristics		
Age, y	81.4±4.3	81.4±4.2
Male sex, no. (%)	368 (61.7)	379 (62.7)
BMI, kg/m ²	26.3±4.3	25.9±3.9
Medical History		
Diabetes mellitus, no./total no. (%)	158/594 (26.6)	157/603 (26.0)
Current smoker, no./total no. (%)	43/596 (7.2)	38/604 (6.3)
Renal insufficiency at screening, no./total no. (%)	104/593 (17.5)	99/604 (16.4)
Hypercholesterolemia, no./total no. (%)	311/596 (52.2)	320/604 (53.0)
Hypertension, no./total no. (%)	427/596 (71.6)	488/604 (80.8)
Previous stroke, no./total no. (%)	39/593 (6.6)	48/604 (7.9)
History of Malignancy (past 3 years), no./total no.	56/593 (9.4)	51/601 (8.5)
Congestive Heart Failure, no./total no.	36/596 (6.0)	40/603 (6.6)
Previous MI, no./total no. (%)	109/595 (18.3)	80/602 (13.3)
Previous CABG, no./total no. (%)	36/596 (6.0)	42/604 (7.0)
Previous PCI, no./total no. (%)	139/595 (23.4)	143/604 (23.7)
Peripheral vascular disease, no./total no. (%)	87/592 (14.7)	125/596 (21.0)
Atrial fibrillation, no./total no. (%)	103/594 (17.3)	108/602 (17.9)
Anemia, no./total no. (%)	77/556 (13.8)	84/560 (15.0)
Clinical indication for PCI		
STEMI, no. (%)	65 (10.9)	62 (10.3)
NSTEMI, no. (%)	152 (25.5)	156 (25.8)
Unstable Angina, no. (%)	57 (9.6)	52 (8.6)
Stable angina, no. (%)	201 (33.7)	215 (35.6)
Silent ischemia, no. (%)	121 (20.3)	119 (19.7)
Percutaneous coronary intervention		

Transradial approach, no./total no. (%)	475/595 (79.8)	490/603 (81.3)
Multiple vessel disease, no./total no. (%)	202/593 (34.0)	183/599 (30.6)
Lesion location, no./total no. (%)		
LM	23/593 (3.9)	8/599 (1.3)
LAD	320/593 (54.0)	313/599 (52.3)
LCx	177/593 (29.8)	159/599 (26.5)
RCA	213/593 (35.9)	227/599 (37.9)
Intermediate ramus	11/593 (1.9)	11/599 (1.9)
Graft	7/593 (1.2)	4/599 (0.7)
At least one staged procedure, no. (%)	48 (8.1)	36 (6.0)
Average number of study stents implanted per patient	1.7±1.0	1.6±1.0
Stent diameter per lesion (mm)	3.0±0.5	3.0±0.5
Stent length per lesion (mm)	19.3±7.1	18.3±6.7
Total stent length per patient (mm)	32.6±20.8	30.3±20.3
DAPT score and PARIS scores		
DAPT score, no./total no. (%)		
<2	562/596 (94.3)	578/603 (95.9)
≥2	34/596 (5.7)	25/603 (4.1)
PARIS coronary thrombotic event score, no./total no. (%)		
low: 0 to 2	287/548 (52.4)	253/548 (46.2)
intermediate: 3 to 4	148/548 (26.6)	188/548 (34.3)
high: ≥5	111/548 (21.0)	107/548 (19.5)
PARIS bleeding score, no./total no. (%)		
low: 0 to 3	73/571 (12.8)	51/581 (8.8)
intermediate: 4 to 7	287/571 (50.3)	297/581 (51.1)
high: ≥8	211/571 (37.0)	233/581 (40.1)
Planned duration of DAPT at baseline		
Patients with planned 1-month DAPT, no. (%)	327 (54.9)	356 (58.9)
Patients with planned 6-month DAPT, no. (%)	269 (45.1)	248 (41.1)

Appendix 2: Detailed total costs per patient at 1 year for each of the five countries of reference.

<i>Cost in € (SD^a)</i>		DES group	BMS group	<i>P-value</i>
France	Hospitalization for both index and staged procedures	3,171 (3,166)	3,090 (4,106)	0.7038
	Stents	Difference of €480		NA
	Rehospitalization	989 (4,805)	1,049 (3,188)	0.8029
	Total	5,155 (6,793)	4,175 (5,691)	0.006
England	Hospitalization for both index and staged procedures	3,917 (871)	3,872 (779)	0.3674
	Stents	Difference of €480		NA
	Rehospitalization	887 (2,136)	1,024 (2,230)	0.2780
	Total	5,799 (2,502)	4,930 (2,405)	<0.0001
Spain	Hospitalization for both index and staged procedures	7,474 (1,661)	7,386 (1,485)	0.3674
	Stents	Difference of €480		NA
	Rehospitalization	1,628 (4,031)	1,919 (4,129)	0.2177
	Total	10,096 (4,554)	9,340 (4,425)	0.003
Belgium	Hospitalization for both index and staged procedures	6,957 (1,546)	6,876 (1,383)	0.3674
	Stents	Difference of €480		NA
	Rehospitalization	1,594 (3,938)	1,865 (4,247)	0.2535
	Total	9,546 (4,437)	8,775 (4,528)	0.003
Switzerland	Hospitalization for both index and staged procedures	9,649 (2,145)	9,537 (1,918)	0.3674
	Stents	Difference of €480		NA
	Rehospitalization	2,183 (5,291)	2,599 (6,094)	0.2094
	Total	12,827 (5,938)	12,170 (6,459)	0.066

^a Standard deviation