

Supplemental Table 2 Lesion and procedural characteristic of patients with bioresorbable vascular scaffold (BVS) implantation

Treated lesions	Bioresorbable vascular scaffolds (BVS)			Drug eluting metallic stents (DES)		
	NCB group	SCB group	p-value	NCB group	SCB group	p-value
AHA Lesion classification			0.31			0.45
- Type A	0 (0.0%)	0 (0.0%)		1 (5.6%)	0 (0.0%)	
- Type B1	10 (35.7%)	5 (17.9%)		3 (16.7%)	3 (16.7%)	
- Type B2	8 (28.5%)	10 (35.7%)		7 (38.9%)	7 (38.9%)	
- Type C	10 (35.7%)	13 (46.4%)		7 (38.9%)	13 (56.5%)	
Baseline calcification			0.67			0.53
- None	24 (85.7%)	26 (92.8%)		13 (72.2%)	15 (65.2%)	
- Moderate	4 (14.3%)	2 (7.1%)		5 (27.8%)	7 (30.4%)	
- Severe	0 (0.0%)	0 (0.0%)		0 (0.0%)	1 (4.3%)	
Bifurcation lesion	1 (3.5%)	4 (14.3%)	0.35	2 (11.1%)	9 (39.1%)	0.075
Thrombus	1 (3.5%)	0 (0.0%)	1.00	0 (0.0%)	0 (0.0%)	-
Lesion length (mm)	19.9±11.6	20.9±9.5	0.71	18.8±9.4	22.3±10.1	0.26
Direct stenting	0 (0.00%)	0 (0.0%)	-	0 (0.0%)	2 (8.7%)	0.99
Pre-dilatation balloon diameter (mm)	2.83±0.54	2.80±0.38	0.48	2.67±0.51	2.71±0.38	0.75
- 1.5	2 (4.7%)	0 (0.0%)		1 (3.3%)	0 (0.0%)	
- 2.0	3 (7.1%)	1 (3.1%)		5 (16.6%)	3 (9.7%)	
- 2.5	11 (26.2%)	15 (46.9%)		11 (36.6%)	14 (45.2%)	
- 3.0	18 (42.8%)	12 (37.5%)		9 (30.0%)	12 (38.7%)	
- 3.5	7 (16.6%)	4 (12.5%)		4 (13.3%)	2 (6.4%)	
- 4.0	1 (2.4%)	0 (0.0%)		0 (0.0%)	0 (0.0%)	

Pre-dilatation pressure (atm.)	24.6±7.4	14.0±2.8	<0.0001	23.6±5.3%	13.9±3.8	<0.0001
Stent diameter (mm)	3.13±0.35	3.11±0.40	0.89	3.13±0.41	3.28±0.50	0.19
- 2.0	0 (0.0%)	0 (0.0%)		0 (0.0%)	1 (3.0%)	
- 2.25	0 (0.0%)	0 (0.0%)		2 (6.6%)	0 (0.0%)	
- 2.5	6 (14.3%)	9 (21.9%)		1 (3.3%)	2 (6.1%)	
- 2.75	0 (0.0%)	0 (0.0%)		1 (3.3%)	3 (9.1%)	
- 3.0	19 (45.2%)	14 (34.1%)		16 (53.3%)	9 (27.3%)	
- 3.5	17 (40.5%)	18 (43.9%)		8 (26.7%)	12 (36.4%)	
- 4.0	0 (0.0%)	0 (0.0%)		2 (6.7%)	6 (18.2%)	
Stent length (mm)	22.42±5.57	22.9±5.6	0.69	21.73±8.75	26.2±10.5	0.078
Stent implantation pressure (atm.)	12.9±2.6	13.2±2.4	0.65	13.62±2.36	13.3±2.7	0.26
Post-dilatations – number of lesions	30/32	26/30		11/22	20/26	
Post-dilatations – number of balloons	44	40		13	28	
Post-dilatation balloon diameter (mm)	3.75±0.52	3.41±0.51	0.97	3.23±0.48	3.51±0.75	0.056
- 2.0	1 (2.3%)	0 (0.0%)		0 (0.0%)	1 (3.57%)	
- 2.5	3 (6.8%)	2 (5.0%)		2 (15.4%)	1 (3.57%)	
- 3.0	11 (25.0%)	15 (37.5%)		5 (38.5%)	3 (10.71%)	
- 3.5	23 (52.3%)	14 (35.0%)		4 (20.8%)	15 (53.57%)	
- 4.0	4 (9.1%)	7 (17.5%)		2 (15.4%)	7 (25.00%)	
- 4.5	1 (2.3%)	1 (2.5%)		0 (0.0%)	1 (3.57%)	
- 5.0	1 (2.3%)	1 (2.5%)		0 (0.0%)	0 (0.00%)	
Post-dilatation pressure (atm.)	23.6±8.7	26.1±8.0	0.14	20.5±7.1	19.3±7.7	0.38