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Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
We post it as supplied by the authors.

Supplement to: Brilakis ES, Edson R, Bhatt DL, et al. Drug-eluting stents versus bare-metal stents in saphenous vein grafts: a double-blind, randomised trial. *Lancet* 2018; published online May 11. [http://dx.doi.org/10.1016/S0140-6736\(18\)30801-8](http://dx.doi.org/10.1016/S0140-6736(18)30801-8).

Supplementary figures

Figure S1. Additional clinical outcomes at 12 months.

Cumulative incidence curves for patients who received drug-eluting stents and those who received bare metal stents for all-cause death (panel A), any myocardial infarction (panel B), target lesion revascularization (panel C), and definite or probable stent thrombosis (panel D).

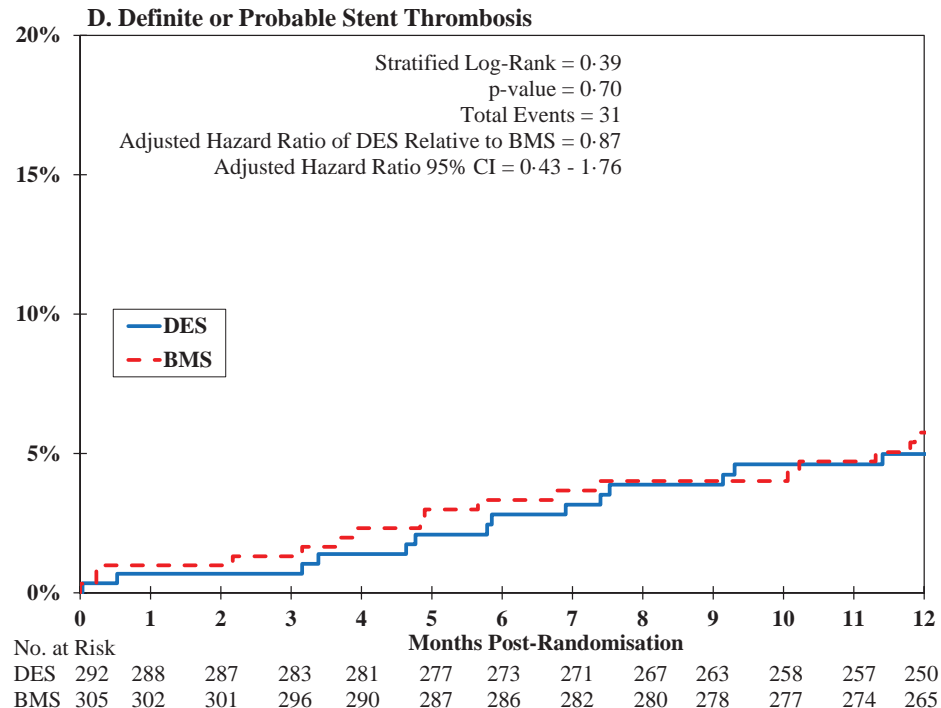
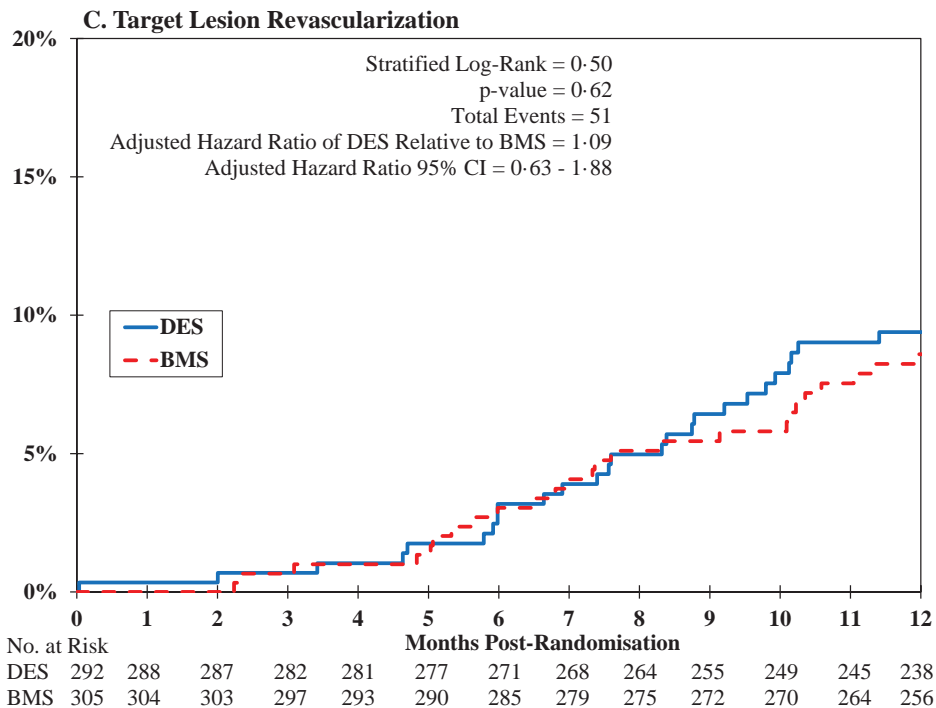
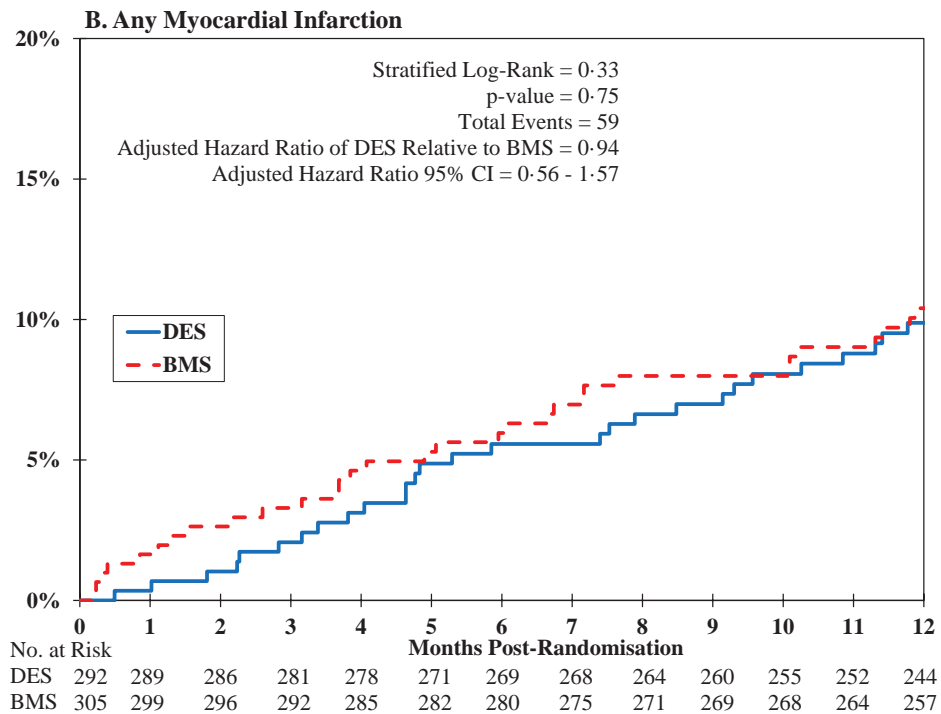
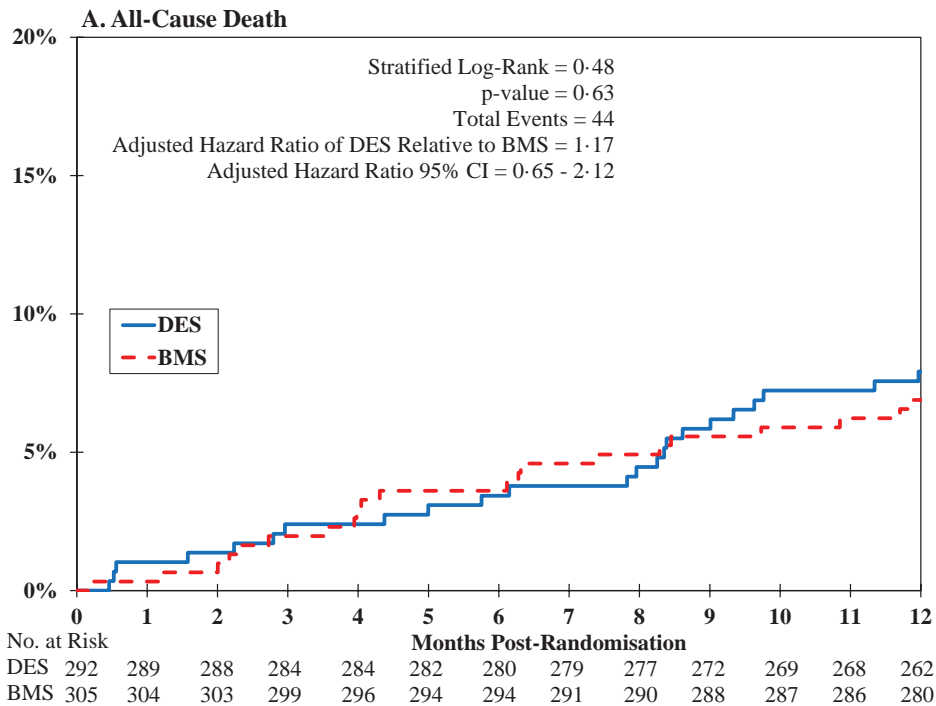


Figure S2. Clinical outcomes during the entire duration of follow-up.

Cumulative incidence curves for patients who received drug-eluting stents and those who received bare metal stents for target vessel failure (composite outcome of cardiac death, target vessel myocardial infarction, or target vessel revascularization, panel A), cardiac death (panel B), target vessel myocardial infarction (panel C), and target vessel revascularization (panel D).

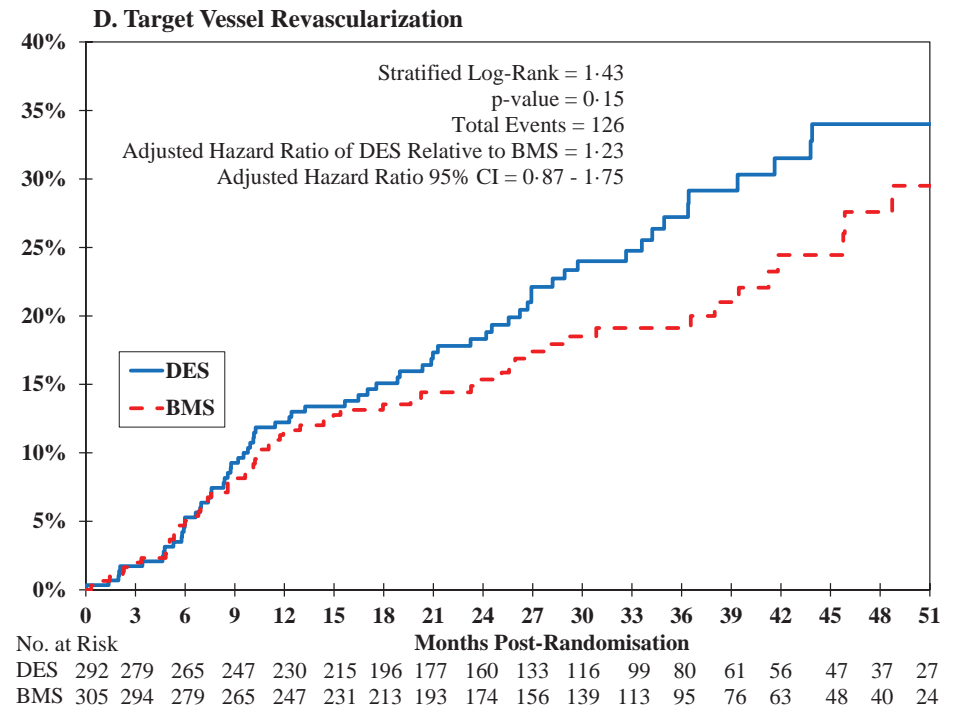
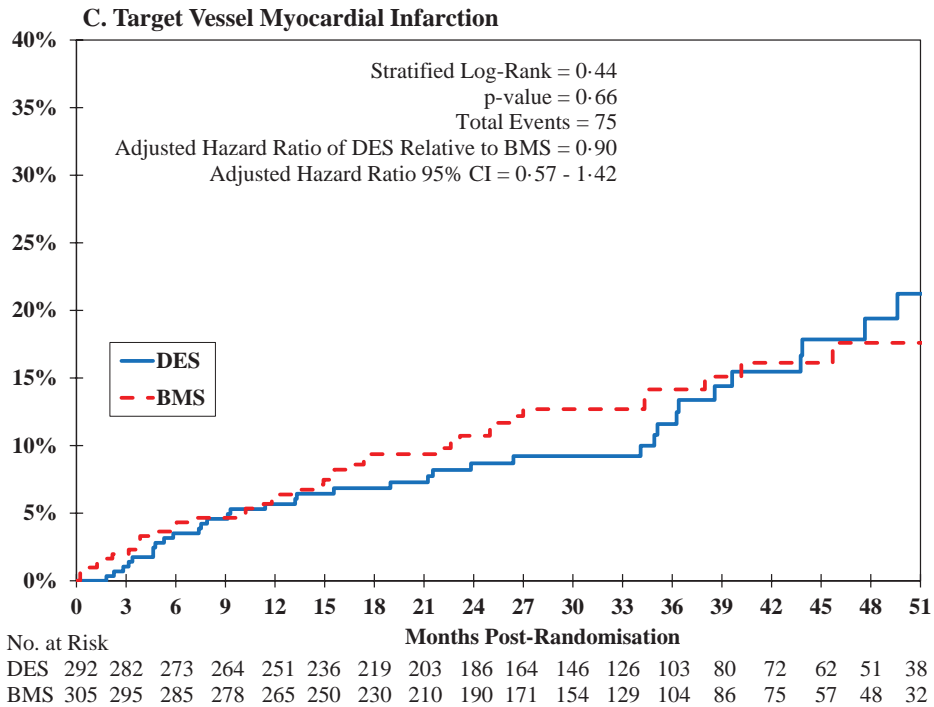
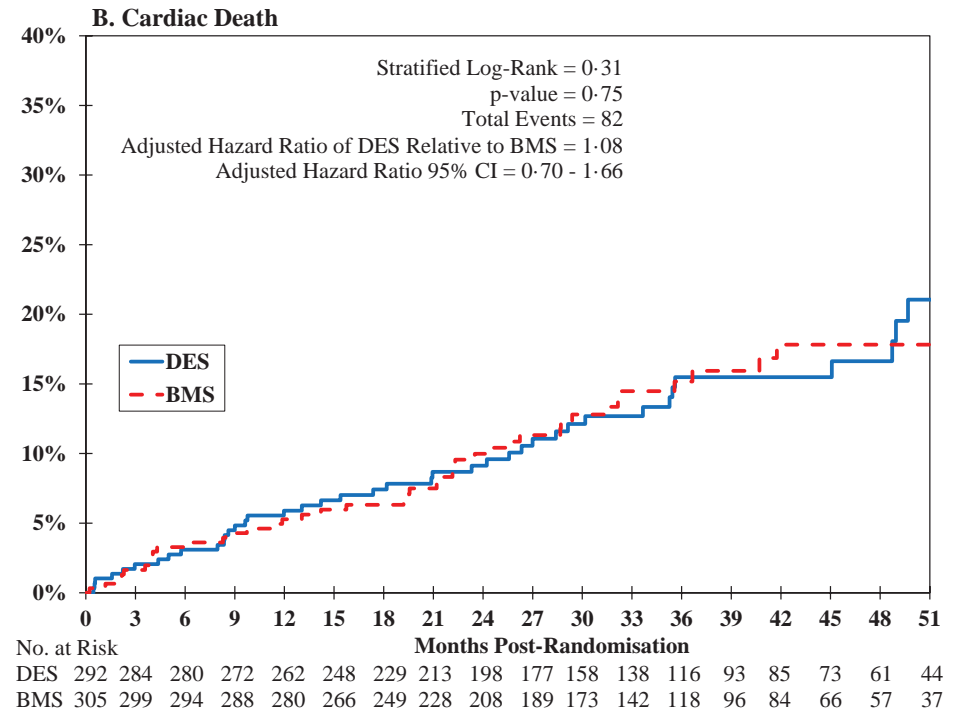
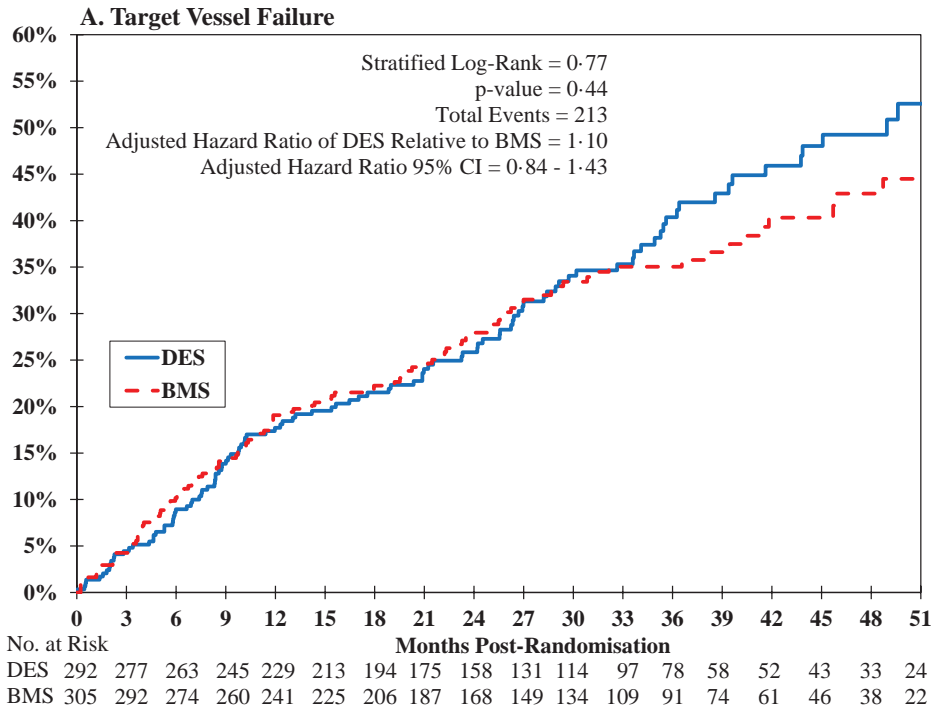
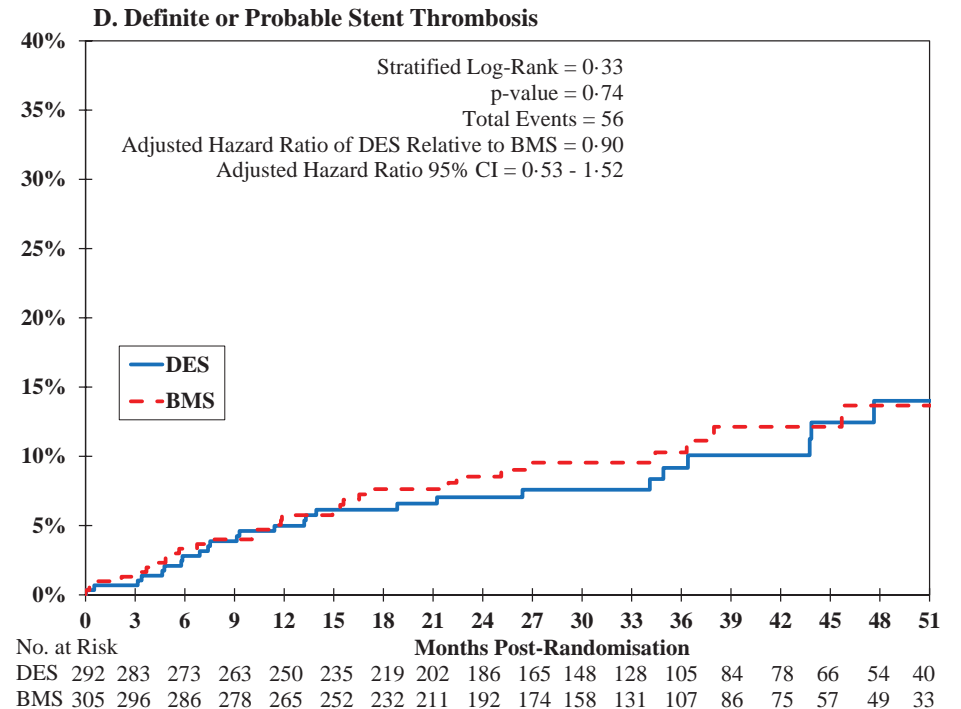
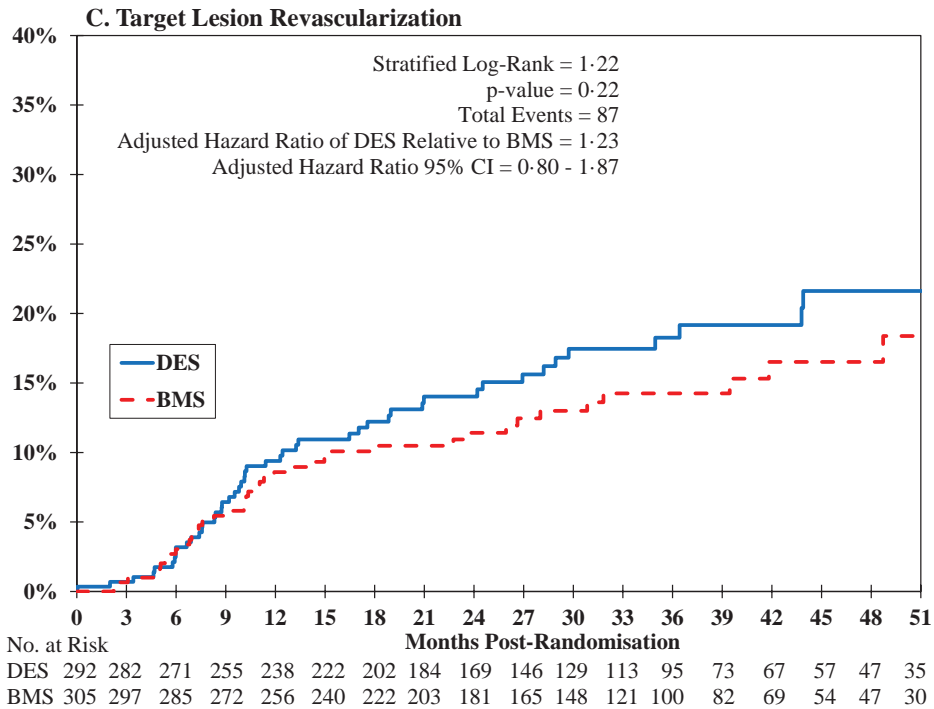
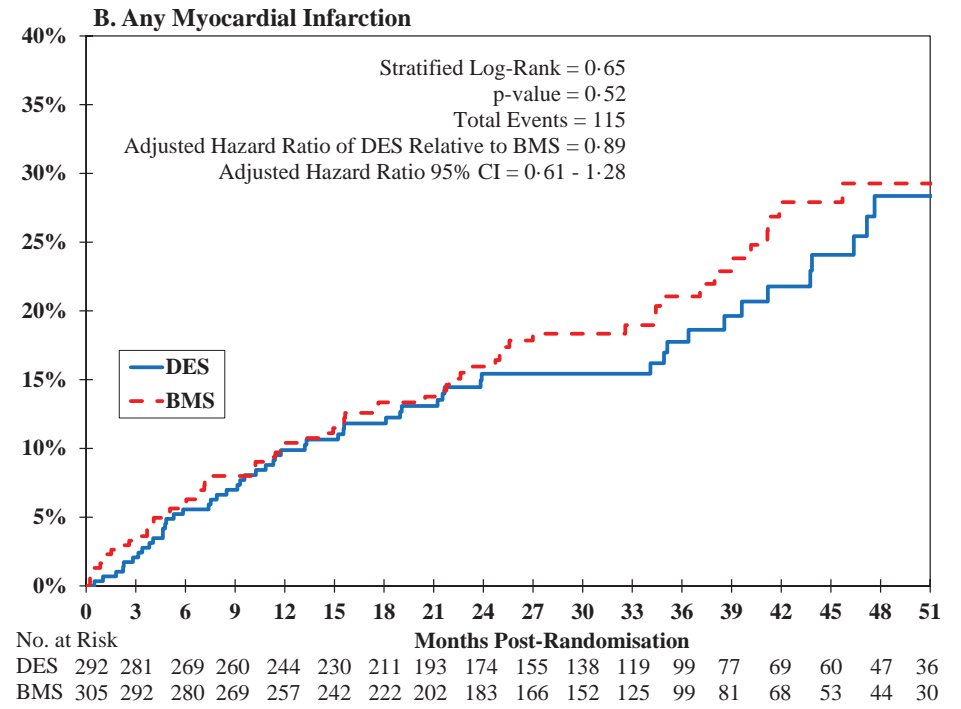
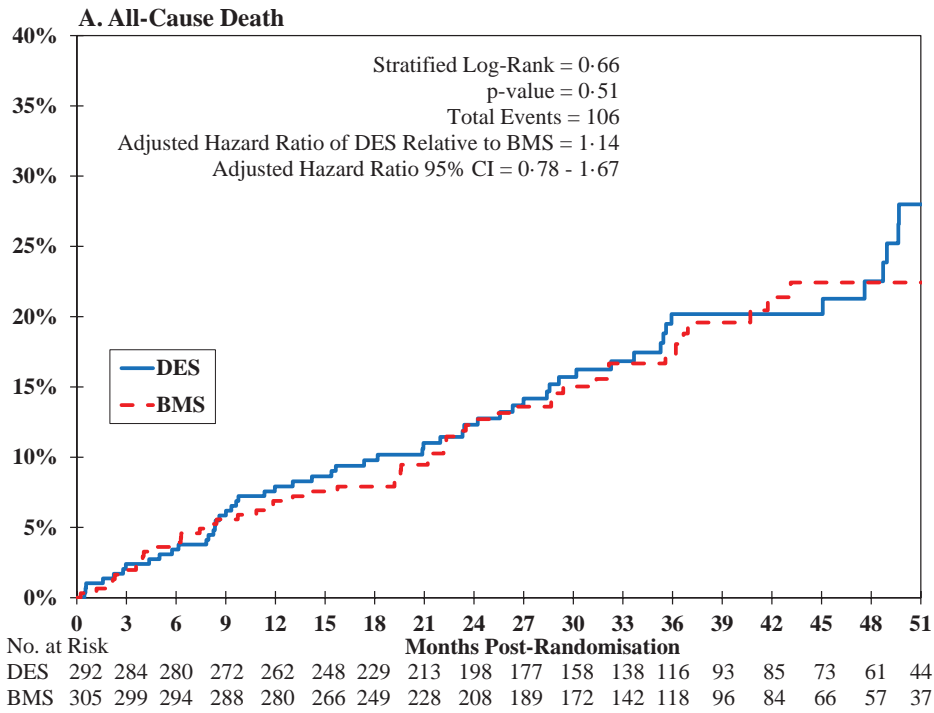


Figure S3. Additional clinical outcomes during the entire duration of follow-up.

Cumulative incidence curves for patients who received drug-eluting stents and those who received bare metal stents for all-cause death (panel A), any myocardial infarction (panel B), target lesion revascularization (panel C), and definite or probable stent thrombosis (panel D).



Supplementary Tables

Supplementary Table S1. Types of stents used in study patients.

Stent	DES (n = 292)	BMS (n = 305)
Drug-eluting stent		
Everolimus-eluting, n (%)		
Absorb, n (%)	0 (0%)	0 (0%)
Promus, n (%)	66 (23%)	1 (0%)
Synergy, n (%)	0 (0%)	0 (0%)
Xience, n (%)	121 (41%)	4 (1%)
Zotarolimus-eluting, n (%)		
Endeavor, n (%)	14 (5%)	0 (0%)
Resolute, n (%)	77 (26%)	3 (1%)
Sirolimus-eluting, n (%)		
Cypher, n (%)	0 (0%)	0 (0%)
Paclitaxel-eluting, n (%)		
Ion, n (%)	5 (2%)	0 (0%)
Taxus, n (%)	2 (1%)	0 (0%)
Name Unknown, n (%)	1 (0%)	0 (0%)
Bare metal stent		
Driver, n (%)	0 (0%)	3 (1%)
Integrity, n (%)	1 (0%)	152 (50%)
Multilink Vision, Ultra, or 8, n (%)	0 (0%)	123 (40%)
Rebel, n (%)	1 (0%)	6 (2%)
Veriflex (formerly Liberte), n (%)	0 (0%)	11 (4%)
Type unknown, n (%)	0 (0%)	7 (2%)

Supplementary Table S2. Target vessel failure by treatment group at 12 months and over the entire duration of follow-up for various subgroups.*

Length of Follow-up and Subgroup	DES (n = 292)	BMS (n = 305)	Adjusted Hazard Ratio (95% Confidence Interval)	P-Value [^]	Log-Rank Statistic	Number of Events	Interaction P-Value
12 MONTHS							
Diabetes : No	17/120 (14%)	22/119 (18%)	0.72 (0.38, 1.37)	0.36	0.91	39	0.35
Yes	34/172 (20%)	36/186 (19%)	1.05 (0.66, 1.67)	0.85	0.19	70	
Number of target SVG lesions: 1	42/243 (17%)	45/259 (17%)	1.01 (0.67, 1.54)	0.96	0.05	87	0.31
2	9/49 (18%)	13/46 (28%)	0.61 (0.25, 1.48)	0.32	0.99	22	
Most recent graft age (years): <13.5	23/135 (17%)	28/164 (17%)	0.99 (0.57, 1.72)	0.97	0.04	51	0.68
≥13.5	28/156 (18%)	29/139 (21%)	0.85 (0.50, 1.43)	0.55	0.60	57	
Minimum stent diameter (mm): 2.25 to < 3.0	12/50 (24%)	10/63 (16%)	1.68 (0.72, 3.93)	0.21	1.26	22	0.56
3.0 to < 3.5	13/71 (18%)	17/65 (26%)	0.72 (0.35, 1.48)	0.58	0.56	30	
3.5 to < 4.0	13/89 (15%)	17/92 (18%)	0.80 (0.39, 1.64)	0.56	0.58	30	
4.0 or more	13/78 (17%)	13/83 (16%)	1.06 (0.49, 2.29)	0.88	0.15	26	
Total stent length (mm): <20	21/137 (15%)	20/156 (13%)	1.23 (0.67, 2.27)	0.38	0.87	41	0.26
≥20	30/151 (20%)	37/147 (25%)	0.79 (0.49, 1.28)	0.37	0.89	67	
Recipient vessel: LAD	17/60 (28%)	15/69 (22%)	1.42 (0.71, 2.85)	0.33	0.98	32	0.47
Circumflex	19/112 (17%)	27/124 (22%)	0.78 (0.43, 1.41)	0.41	0.83	46	
RCA	15/117 (13%)	15/111 (14%)	0.87 (0.42, 1.81)	0.82	0.22	30	
Target lesion location: Aortic/Ostial	14/64 (22%)	20/81 (25%)	0.88 (0.44, 1.74)	0.74	0.33	34	0.89
Body	34/195 (17%)	33/193 (17%)	0.99 (0.61, 1.60)	0.96	0.05	67	
Distal Anastomosis	3/30 (10%)	4/30 (13%)	0.61 (0.13, 2.79)	0.59	0.53	7	
Baseline use of antiplatelet medications: No	20/121 (17%)	27/137 (20%)	0.84 (0.47, 1.51)	0.62	0.49	47	0.78
Yes	31/171 (18%)	31/168 (18%)	0.99 (0.60, 1.63)	0.98	0.03	62	
ACS status: No	21/137 (15%)	25/136 (18%)	0.80 (0.45, 1.43)	0.56	0.58	46	0.63
Yes	30/155 (19%)	33/169 (20%)	1.00 (0.61, 1.64)	0.99	0.01	63	

Length of Follow-up and Subgroup	DES (n = 292)	BMS (n = 305)	Adjusted Hazard Ratio (95% Confidence Interval)	P-Value [^]	Log-Rank Statistic	Number of Events	Interaction P-Value
ALL FOLLOW-UP							
Diabetes : No	43/120 (36%)	38/119 (32%)	1·13 (0·73, 1·77)	0·54	0·62	81	0·99
Yes	65/172 (38%)	67/186 (36%)	1·09 (0·78, 1·54)	0·62	0·50	132	
Number of target SVG lesions: 1	89/243 (37%)	83/259 (32%)	1·20 (0·89, 1·62)	0·25	1·15	172	0·19
2	19/49 (39%)	22/46 (48%)	0·78 (0·41, 1·48)	0·53	0·63	41	
Most recent graft age (years): <13·5	51/135 (38%)	54/164 (33%)	1·21 (0·82, 1·77)	0·28	1·08	105	0·40
≥13·5	56/156 (36%)	49/139 (35%)	0·96 (0·65, 1·41)	0·82	0·23	105	
Minimum stent diameter (mm): 2·25 to < 3·0	21/50 (42%)	22/63 (35%)	1·37 (0·75, 2·50)	0·31	1·01	43	0·71
3·0 to < 3·5	24/71 (34%)	26/65 (40%)	0·87 (0·50, 1·51)	0·80	0·25	50	
3·5 to < 4·0	33/89 (37%)	30/92 (33%)	1·14 (0·70, 1·87)	0·52	0·65	63	
4·0 or more	29/78 (37%)	25/83 (30%)	1·23 (0·72, 2·11)	0·56	0·59	54	
Total stent length (mm): <20	44/137 (32%)	42/156 (27%)	1·26 (0·83, 1·93)	0·18	1·35	86	0·45
≥20	63/151 (42%)	61/147 (41%)	1·03 (0·73, 1·47)	0·73	0·34	124	
Recipient vessel: LAD	25/60 (42%)	22/69 (32%)	1·34 (0·75, 2·38)	0·38	0·88	47	0·63
Circumflex	39/112 (35%)	48/124 (39%)	0·96 (0·63, 1·47)	0·97	0·04	87	
RCA	44/117 (38%)	34/111 (31%)	1·21 (0·76, 1·90)	0·36	0·91	78	
Target lesion location: Aortic/Ostial	22/64 (34%)	28/81 (35%)	0·95 (0·54, 1·68)	0·97	0·04	50	0·51
Body	75/195 (38%)	70/193 (36%)	1·12 (0·81, 1·56)	0·37	0·90	145	
Distal Anastomosis	11/30 (37%)	6/30 (20%)	1·73 (0·63, 4·71)	0·29	1·05	17	
Baseline use of antiplatelet medications: No	38/121 (31%)	43/137 (31%)	0·99 (0·64, 1·54)	0·998	0·0022	81	0·76
Yes	70/171 (41%)	62/168 (37%)	1·13 (0·80, 1·59)	0·53	0·63	132	
ACS status: No	43/137 (31%)	44/136 (32%)	0·87 (0·57, 1·33)	0·63	0·49	87	0·31
Yes	65/155 (42%)	61/169 (36%)	1·23 (0·87, 1·75)	0·26	1·12	126	

*All subgroup analyses except age of most recent SVG were prespecified in the protocol.

[^] P-value and adjusted hazard ratio statistics are from the stratified log-rank test which accounts for randomisation being stratified by both diabetes status and number of target SVG lesions for all subgroups except diabetes status (stratified only by number of target SVG lesions) and number of target SVG lesion (stratified only by diabetes status)

ACS, acute coronary syndrome; BMS, bare metal stent; DES, drug-eluting stent; LAD, left anterior descending artery; RCA, right coronary artery; SVG, saphenous vein graft

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