

## Supplemental Tables

**Table 1S Subgroup analysis: risk of primary and secondary outcomes among propensity score-matched cohort.**

Variables	Groups	Number of follow-up patients	Number of patients with events	Odds ratio (95% CI)	P-value	$P_{\text{interaction}}$ -value
Outcome: target lesion revascularization						
Age, yrs						0.415
< 60	DES	45	6	Reference		
	DCB	50	3	0.41 (0.10–1.77)	0.234	
≥ 60	DES	53	10	1.51 (0.50–4.55)	0.462	
	DCB	52	2	0.26 (0.05–1.36)	0.110	
Sex						0.804
Male	DES	70	12	Reference		
	DCB	72	4	0.28 (0.09–0.93)	0.037	
Female	DES	28	4	0.81 (0.24–2.75)	0.730	
	DCB	30	1	0.17 (0.02–1.35)	0.093	
Diabetes mellitus						0.753
Without	DES	71	6	Reference		
	DCB	66	2	0.29 (0.08–1.11)	0.070	
With	DES	27	10	1.74 (0.56–5.38)	0.334	
	DCB	36	3	0.36 (0.07–1.73)	0.202	
Clinical presentation						0.977
Stable angina	DES	42	4	Reference		
	DCB	40	1	0.24 (0.03–2.28)	0.216	
Unstable angina	DES	56	12	2.59 (0.77–8.71)	0.124	
	DCB	62	4	0.66 (0.15–2.78)	0.566	
Target vessel						0.673
Left anterior descending	DES	76	12	Reference		
	DCB	75	3	0.22 (0.06–0.82)	0.024	
Left circumflex artery	DES	22	4	1.19 (0.34–4.12)	0.789	
	DCB	27	2	0.43 (0.09–2.04)	0.287	
Outcome: major adverse cardiovascular events*						
Age, yrs						0.386
< 60	DES	45	8	Reference		
	DCB	50	5	0.51 (0.15–1.70)	0.277	
≥ 60	DES	53	11	1.21 (0.44–3.33)	0.711	
	DCB	52	3	0.28 (0.07–1.14)	0.076	
Sex						0.391
Male	DES	70	14	Reference		
	DCB	72	7	0.43 (0.16–1.14)	0.091	
Female	DES	28	5	0.87 (0.28–2.69)	0.809	
	DCB	30	1	0.14 (0.02–1.10)	0.062	
Diabetes mellitus						0.897
Without	DES	71	12	Reference		
	DCB	66	4	0.32 (0.10–1.04)	0.058	
With	DES	27	7	1.72 (0.60–4.97)	0.316	
	DCB	36	4	0.61 (0.18–2.06)	0.431	

Continued

Variables	Groups	Number of follow-up patients	Number of patients with events	Odds ratio (95% CI)	P-value	$P_{\text{interaction}}$ -value
Clinical presentation						0.138
Stable angina	DES	42	5	Reference		
	DCB	40	4	0.82 (0.20–3.31)	0.783	
Unstable angina	DES	56	14	2.47 (0.81–7.50)	0.112	
	DCB	62	4	0.51 (0.13–2.02)	0.339	
Target vessel						0.761
Left anterior descending	DES	76	14	Reference		
	DCB	75	5	0.32 (0.11–0.93)	0.036	
Left circumflex artery	DES	22	5	1.30 (0.41–4.13)	0.653	
	DCB	27	3	0.55 (0.15–2.10)	0.385	
Outcome: cardiac death						
Age, yrs						0.655
< 60	DES	45	2	Reference		
	DCB	50	1	0.44 (0.04–5.01)	0.507	
≥ 60	DES	53	1	0.41 (0.04–4.72)	0.477	
	DCB	52	1	0.42 (0.04–4.81)	0.487	
Sex						0.267
Male	DES	70	2	Reference		
	DCB	72	2	0.97 (0.13–7.09)	0.977	
Female	DES	28	1	1.26 (0.11–14.47)	0.853	
	DCB	30	0			
Diabetes mellitus						0.859
Without	DES	71	2	Reference		
	DCB	66	1	0.53 (0.05–5.99)	0.609	
With	DES	27	1	1.33 (0.12–15.26)	0.820	
	DCB	36	1	0.99 (0.09–11.25)	0.991	
Clinical presentation						0.073
Stable angina	DES	42	1	Reference		
	DCB	40	2	2.16 (0.19–24.78)	0.537	
Unstable angina	DES	56	2	1.52 (0.13–17.33)	0.737	
	DCB	62	0			
Target vessel						0.800
Left anterior descending	DES	76	2	Reference		
	DCB	75	1	0.50 (0.04–5.63)	0.575	
Left circumflex artery	DES	22	1	1.76 (0.15–20.40)	0.650	
	DCB	27	1	1.42 (0.12–16.36)	0.777	
Outcome: target vessel myocardial infarction						
Age, yrs						0.756
< 60	DES	45	1	Reference		
	DCB	50	1	0.90 (0.05–14.79)	0.940	
≥ 60	DES	53	2	1.73 (0.15–19.68)	0.661	
	DCB	52	1	0.86 (0.05–14.20)	0.918	

Variables	Groups	Number of follow-up patients	Number of patients with events	Odds ratio (95% CI)	P-value	<i>P</i> <sub>interaction</sub> -value
Sex						
Male	DES	70	3	Reference	0.629	1.000
	DCB	72	2	0.64 (0.10–3.94)		
Female	DES	28	0			
	DCB	30	0			
Diabetes mellitus						
Without	DES	71	2	Reference	0.609	0.859
	DCB	66	1	0.53 (0.05–5.99)		
With	DES	27	1	1.33 (0.12–15.26)	0.820	
	DCB	36	1	0.99 (0.09–11.25)	0.991	
Clinical presentation						
Stable angina	DES	42	2	Reference	0.592	0.765
	DCB	40	1	0.51 (0.04–5.89)		
Unstable angina	DES	56	1	0.36 (0.03–4.15)	0.415	
	DCB	62	1	0.33 (0.03–3.74)	0.369	
Target vessel						
Left anterior descending	DES	76	2	Reference	0.662	1.000
	DCB	75	3	0.67 (0.11–4.11)		
Left circumflex artery	DES	22	0			
	DCB	27	0			
Outcome: vessel thrombosis						
Age, yrs						
< 60	DES	45	1	Reference	0.661	1.000
	DCB	50	0			
≥ 60	DES	53	2	1.73 (0.15–19.68)		
	DCB	52	0			
Sex						
Male	DES	70	3	Reference		1.000
	DCB	72	0			
Female	DES	28	0			
	DCB	30	0			
Diabetes mellitus						
Without	DES	71	2	Reference	0.820	1.000
	DCB	66	0			
With	DES	27	1	1.33 (0.12–15.26)		
	DCB	36	0			
Clinical presentation						
Stable angina	DES	42	2	Reference	0.416	1.000
	DCB	40	0			
Unstable angina	DES	56	1	0.36 (0.03–4.15)		
	DCB	62	0			
Target vessel						
Left anterior descending	DES	76	3	Reference		1.000
	DCB	75	0			
Left circumflex artery	DES	22	0			
	DCB	27	0			

\*Referred to major adverse cardiovascular events defined as the composite outcome of cardiac death, target vessel myocardial infarction, target lesion revascularization, and vessel thrombosis. DCB: drug-coated balloons; DES: drug-eluting stents.

**Table 2S DCB versus precisely ostial stenting: risk of primary and secondary outcomes.**

Variables	Number of patients	Number of follow-up patients	Number of patients with events	Event rate	Odds ratio (95% CI)	P-value
Target lesion revascularization						
DCB	89	87	5	5.75%	0.314 (0.108–0.913)	0.027
Precisely ostial stenting	89	86	14	16.28%	Reference	
Major adverse cardiovascular events*						
DCB	89	87	8	9.20%	0.411 (0.167–1.011)	0.048
Precisely ostial stenting	89	86	17	19.77%	Reference	
Cardiac death						
DCB	89	87	2	2.30%	0.651 (0.106–3.996)	0.682
Precisely ostial stenting	89	86	3	3.49%	Reference	
Target vessel myocardial infarction						
DCB	89	87	2	2.30%	0.988 (0.136–7.179)	1.000
Precisely ostial stenting	89	86	2	2.33%	Reference	
Vessel thrombosis						
DCB	89	87	0	0	0.977 (0.945–1.009)	0.246
Precisely ostial stenting	89	86	2	2.33%	Reference	

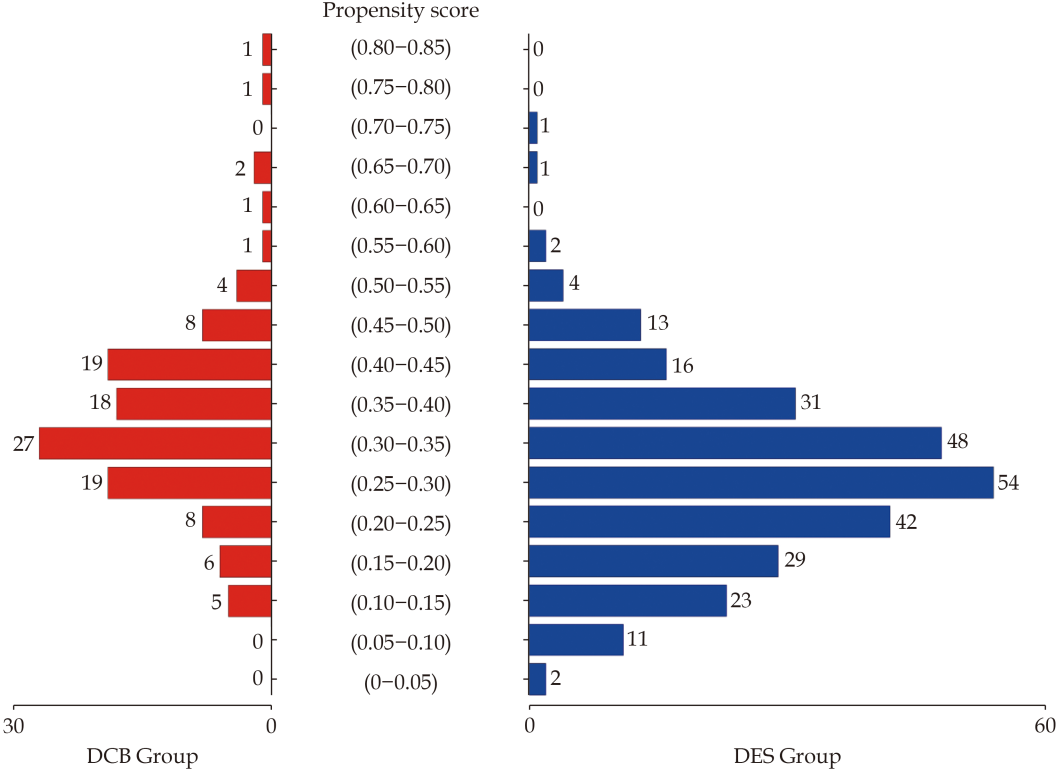
\*Referred to major adverse cardiovascular events defined as the composite outcome of cardiac death, target vessel myocardial infarction, target lesion revascularization, and vessel thrombosis. DCB: drug-coated balloons.

**Table 3S DCB versus crossover stenting: risk of primary and secondary outcomes.**

Variables	Number of patients	Number of follow-up patients	Number of patients with events	Event rate	Odds ratio (95% CI)	P-value
Target lesion revascularization						
DCB	89	84	3	3.57%	0.570 (0.132–2.468)	0.493
Crossover stenting	89	82	5	6.10%	Reference	
Major adverse cardiovascular events*						
DCB	89	84	5	5.95%	0.802 (0.235–2.737)	0.724
Crossover stenting	89	82	6	7.32%	Reference	
Cardiac death						
DCB	89	84	1	1.19%	0.976 (0.060–15.867)	1.000
Crossover stenting	89	82	1	1.22%	Reference	
Target vessel myocardial infarction						
DCB	89	84	1	1.19%	1.012 (0.989–1.036)	1.000
Crossover stenting	89	82	0	0	Reference	
Vessel thrombosis						
DCB	89	84	0	0		
Crossover stenting	89	82	0	0		

\*Referred to major adverse cardiovascular events defined as the composite outcome of cardiac death, target vessel myocardial infarction, target lesion revascularization, and vessel thrombosis. DCB: drug-coated balloons.

# Supplemental Figure



**Figure 1S Propensity score based on spline smoothing.** DCB: drug-coated balloons; DES: drug-eluting stents.