



Figure S1 Association of need for PPM with potential and determined predictive factors in patients with SR. (A) Correlation matrix of ID towards NCC, MSL, MSL to ID distance, ID \geq MSL, and ID \geq MSL_{Ca}. (B) Combined c-statistics of the independent predictors for PPM need (pre-dilatation and LCC calcium burden <762 AU). *, significant P value <0.05. PPM, permanent pacemaker; SR, sinus rhythm; ID, implantation depth; NCC, noncoronary cusp; MSL, membranous septum length; LCC, left coronary cusp; AU, Agatston Units; AUC, area under the curve; CI, confidence interval.

Table S1 Univariate and binary multivariate logistic regression analysis of predictors for PPM in previous SR

Predictor	Univariate analysis		Multivariate analysis	
	OR (95% CI)	P value	OR (95% CI)	P value
BMI \geq 26	3.83 (0.90-16.26)	0.068	-	-
Pre-dilatation	3.86 (0.99-15.07)	0.052	8.53 (1.23-59.41)	0.030*
Post-dilatation	3.60 (0.79-16.49)	0.099	-	-
LCC <762 AU	4.31 (1.10-16.93)	0.036*	16.12 (1.74-149.67)	0.014*
DLZ-LCC <457 AU	3.60 (0.79-16.49)	0.099	-	-

*, significant P value <0.05. PPM, permanent pacemaker; SR, sinus rhythm; CI, confidence interval; BMI, body mass index; LCC, left coronary cusp; AU, Agatston Units; DLZ, device landing zone.