

Table S1 Overall demographic and preoperative data comparing the two groups

Item	C-Bentall (n=106)	M-Bentall (n=53)	P
Female	13 (12.3)	4 (7.5)	0.525
Age (years)	54.93±12.72	53.17±12.54	0.409
Marfan	5 (4.7)	3 (5.7)	1
BAV	25 (23.6)	8 (15.1)	0.3
Hypertension	49 (46.2)	25 (47.2)	1
CAD	25 (23.6)	8 (15.1)	0.3
NYHA classification			0.877
I	17 (16.0)	9 (17.0)	
II	52 (49.1)	26 (49.1)	
III	35 (33.0)	17 (32.1)	
IV	2 (1.9)	1 (1.9)	
SCr (μmol/L)	96.07±81.84	84.79±13.58	0.321
ALT (IU/L)	20.13±14.41	25.43±21.75	0.069
D-dimer (mg/L)	0.86±2.17	0.37±0.38	0.123
Aortic sinus diameter (mm)	55.99±9.89	52.50±8.57	0.03
LVED (mm)	64.57±9.40	60.89±10.61	0.027
LVEF (%)	57.84±7.01	58.21±6.71	0.752
Aortic insufficiency			0.114
0	1 (0.9)	4 (7.5)	
1	9 (8.5)	7 (13.2)	
2	12 (11.3)	5 (9.4)	
3	34 (32.1)	17 (32.1)	
4	50 (47.2)	20 (37.7)	

Data presents as n (%) or mean ± SD. BAV, bicuspid aortic valve; CAD, coronary artery disease; NYHA, New York Heart Association; SCr, serum creatinine; ALT, alanine transaminase; LVED, left ventricular end diastolic diameter; LVEF, left ventricular ejection fraction; SD, standard deviation.