

Supplementary

Table S1 Baseline characteristics

Demographic information	Values
Age, years	53±14
Male	73 (48.7)
Comorbidity	
Hypertension	41 (27.3)
Diabetes mellitus	11 (7.3)
Cerebrovascular disease	8 (5.3)
Atrial fibrillation	30 (20.0)
Previous history of open-heart surgery	2 (1.3)
HCMP type	
Basal	110 (73.3)
Middle	0 (0.0)
Apical	0 (0.0)
Diffuse	34 (22.7)
Mixed	6 (4.0)

Values are n (%) or mean ± SD. HCMP, hypertrophic cardiomyopathy; SD, standard deviation.

Table S2 Baseline characteristics according to preoperative atrial fibrillation

Variable	AF (-) (N=120)	AF (+) (N=30)	P value
Age, years	52±14	58±12	0.04
Male	55 (45.8)	18 (60.0)	0.24
Hypertension	34 (28.3)	7 (23.3)	0.75
Diabetes mellitus	9 (7.5)	2 (6.7)	1.00
Cerebrovascular disease	6 (5.0)	2 (6.7)	1.00
HCM type			0.30
Basal	91 (75.8)	19 (63.3)	
Diffuse	24 (20.0)	10 (33.3)	
Mixed	5 (4.2)	1 (3.3)	
Surgical technique			0.26
SM	41 (34.2)	9 (30.0)	
SM + MVR	14 (11.7)	7 (23.3)	
SM + MVI	65 (54.2)	14 (46.7)	

Values are n (%) or mean ± SD. AF, atrial fibrillation; HCM, hypertrophic cardiomyopathy; SM, septal myectomy; MVI, mitral valve intervention; MVR, mitral valve replacement; SD, standard deviation.

Table S3 Echocardiographic data according to preoperative atrial fibrillation

Echocardiographic data	AF (-) (N=120)	AF (+) (N=30)	P value
Ejection fraction, %	66.2±4.5	65.3±6.2	0.44
Left ventricular internal dimension systolic, mm	24.1±4.0	23.3±5.4	0.49
Left ventricular internal dimension diastolic, mm	42.6±5.2	42.9±5.5	0.79
Left atrium diameter, mm	45.5±6.5	53.2±9.9	<0.001
Posterior wall of left ventricle systolic, mm	17.7±3.0	19.2±3.6	0.04
Posterior wall of left ventricle diastolic, mm	11.7±2.4	13.1±3.4	0.03
Interventricular septum systolic, mm	22.2±4.7	22.4±4.5	0.73
Interventricular septum diastolic, mm	18.3±4.8	19.0±5.0	0.51
Mitral regurgitation			0.56
Grade 0	3 (2.5)	1 (3.3)	
Grade 1	36 (30.0)	11 (36.7)	
Grade 2	33 (27.5)	4 (13.3)	
Grade 3	38 (31.7)	10 (33.3)	
Grade 4	10 (8.3)	4 (13.3)	
Left ventricular outflow tract pressure gradient at rest, mmHg	92.7±42.0	89.2±47.8	0.36

Values are n (%) or mean ± SD. AF, atrial fibrillation; SD, standard deviation.