Supplementary

Table S1 Comparison of patients in atrial fibrillation with patients in sinus rhythm.

Variable	Sinus rhythm (n=12), median [IQR]	Atrial fibrillation (n=6), median [IQR]	P
Heart rate (bpm)	63 [20]	71 [22]	0.12
LVEDV (mL)	128 [55]	115 [70]	0.34
LVESV (mL)	46 [39]	47 [43]	0.75
LV SV (mL)	85 [17]	68 [22]	0.03
LV EF (%)	59 [18]	59 [15]	0.82
LV mass (g)	140 [60]	122 [90]	0.44
NYHA	2 [0]	3 [1]	0.26
6MWT	339 [113]	378 [115]	0.96
Average KEi_{EDV}	13 [6]	12 [11]	0.82
Average systolic KEi_{EDV}	12 [7]	9 [6]	0.49
Average diastolic KEi_{EDV}	13 [8]	16 [18]	0.15
Peak E-wave KEi_{EDV}	23 [24]	36 [28]	0.08
Peak A-wave* KEi_{EDV}	27 [23]	–	–

*, peak A-wave KEi_{EDV} cannot be compared as in AF it is not recorded.

Table S2 Linear regression results between absolute LV mass regression and preoperative LV blood flow KE.

Variables	Value
Least squares regression	
Sample size	12
Coefficient of determination R^2	0.37
Residual standard deviation	18.8
Regression equation	y =−86.7155+4.4940x
Parameter	Coefficient
Intercept	−86.7155
Slope	4.494
Analysis of variance	
Source	DF
Regression	1
Residual	10
F-ratio	5.9933
Significance level	P=0.03