

Supplemental section:

Table (S1): Comparing mean changes in echocardiographic parameters of propensity score matched patients

	Treatment group (N= 31)	Control group (N=31)	P value
Mean change in echocardiographic parameter			
LV structure			
Indexed LV mass(gm ²)	-3.9±31.2	-0.5±44.6	0.7
LV diastolic internal diameter(cm)	-1.4(-0.3,0.75)	-0.3(0,0.8)	0.4
LV systolic internal diameter(cm)	-0.5(0,0.9)	-0.3(0,0.7)	0.7
Intraventricular septal wall thickness(cm)	0±0.3	-0.1±0.4	0.2
Posterior wall thickness(cm)	0(0.1,0.3)	-0.1(0,0.3)	0.6
Indexed LV end systolic volume(ml/m ²)	+5.5±15.8	-0.5±9.2	0.1
Indexed LV end diastolic volume(ml/m ²)	+3.5±17	-0.5±16.7	0.4
LV systolic function			
EF(%)	-1±10	+2±10	0.3
LV diastolic function			
Indexed Left Atrial Volume(ml/m ²)	+2.8±9.2	+1.4±15.2	0.6
Mitral valve E wave	-3.1(3,18.2)	-0.2(-2,17)	0.3
Mitral valve A wave	-1.3±15.2	-1.6±22.5	0.9
MV E/A ratio	+0.1(0.04,0.5)	+3.9(-0.04,0.6)	0.3
Mitral valve deceleration time (ms)	-39.2±56.1	-22±143.5	0.7
Septal e'(cm/s)	+0.1±1.8	-0.2±2.6	0.7
Septal E/e'	+1.8±5.2	+0.1±4.8	0.2
Lateral e'(cm/s)	+0.2(0,3)	-0.9(0,2.7)	0.1
Lateral E/e'	-0.5±3.2	-0.4±5.3	0.9
Pulmonary vein systolic wave(cm/s)	-0.7±9.8	2±10.6	0.6
Pulmonary vein diastolic wave(cm/s)	+0.1±17.2	-0.9±16.2	0.2
Pulmonary vien systolic wave to diastolic wave ratio	+0.02±0.3	0.2±0.6	0.4
LV Global longitudinal strain(%)	+0.1±2.9	-0.6±1.9	0.4

N=number of patients. LV=left ventricle. EF=ejection fraction

Table (S2): Comparing mean changes in echocardiographic parameters of patients included in the matched subgroup cohort

	Treatment group (N= 28)	Control group (N=28)	P value
Mean change in echocardiographic parameter			
LV structure			
Indexed LV mass(gm ²)	-2.8±13.3	+13.2±55.9	0.2
LV diastolic internal diameter(cm)	-0.1±0.5	0±1.4	0.6
LV systolic internal diameter(cm)	-0.2±0.9	0±1	0.4
Intraventricular septal wall thickness(cm)	+0.1(0,0.3)	0(0,0.4)	0.3
Posterior wall thickness(cm)	0±0.2	0±0.4	0.9
Indexed LV end systolic volume(ml/m ²)	-0.1±6.7	1.4±11.8	0.6
Indexed LV end diastolic volume(ml/m ²)	-3.4±13.4	5.2±22.4	0.2
LV systolic function			
EF(%)	+2.1(4,13)	+3.8(5,13.3)	0.6
LV diastolic function			
Indexed Left Atrial Volume(ml/m ²)	+3.9±8.5	+7.3±22.5	0.5
Mitral valve E wave	+6.6(3,21.3)	-2.9(-4,34)	0.2
Mitral valve A wave	-1.7±16.9	-9.1±29.5	0.2
MV E/A ratio	+0.1±0.3	+0.2±1.4	0.9
Mitral valve deceleration time (ms)	14.1±56.1	-44.9±142	0.2
Septal e'(cm/s)	+0.2±2.1	+0.1±3	0.9
Septal E/e'	0.9±5.3	-0.2±9.3	0.5
Lateral e'(cm/s)	-0.6±3.1	+0.4±3	0.2
Lateral E/e'	+2.1(0.8,3.4)	-0.5(-0.4,2.6)	0.1
Pulmonary vein systolic wave(cm/s)	-5.2±17.6	-32.8±34.8	0.1
Pulmonary vein diastolic wave(cm/s)	-0.8±13.3	9.3±19	0.2
Pulmonary vien systolic wave to diastolic wave ratio	+0.2±0.6	8.5±12.8	0.2
LV Global longitudinal strain(%)	+0.9±3.5	-1.1±2.5	0.2

N=number of patients. LV=left ventricle. EF=ejection fraction