

Supplementary

Online Figure 1: Flowchart of patient participation in the trial

Online table 1: Additional echocardiographic measures at baseline according to treatment group

	Placebo		Eplerenone	
Structure				
IVSD, cm	1.2	(0.2)	1.2	(0.2)
LVID, cm	4.4	(0.6)	4.4	(0.6)
LVPW, cm	1.2	(0.2)	1.2	(0.2)
LV function				
<u><i>Systolic function</i></u>				
LV EDV, mL	84.2	(22.6)	90.7	(23.0)
LVESV, mL	35.7	(13.9)	37.5	(12.8)
HR, beat/min	72.0	(13.3)	69.5	(11.5)
<u><i>Diastolic function</i></u>				
e', cm/s	6.9	(1.7)	7.4	(1.7)
E-wave, cm/s	0.7	(0.2)	0.8	(0.2)
A-wave, cm/s	0.8	(0.2)	0.8	(0.2)
E/A-ratio	1.1	(0.6)	1.1	(0.4)
E-wave deceleration time, ms	260.9	(73.9)	268.3	(72.1)
RV function				
RV GLS, %	-16.1	(5.3)	-16.6	(5.6)
RV S', cm/s	12.2	(3.0)	12.0	(2.6)
TAPSE, mm/s	22.6	(3.8)	22.5	(4.8)

Online table 2: Analyses of conventional echocardiographic measures of cardiac function

	Baseline			Placebo			P	Eplerenone			P	Treatment effect			P
Structure															
IVSd, cm	1.2	[1.2 to	1.2]	0.0	[0.0 to	0.1]	0.370	0.0	[-0.1 to	0.0]	0.922	0.0	[-0.1 to	0.0]	0.445
LVIDd, cm	4.4	[4.3 to	4.5]	0.0	[-0.1 to	0.2]	0.543	0.0	[-0.1 to	0.1]	0.887	0.0	[-0.2 to	0.1]	0.728
LVPWd, cm	1.2	[1.2 to	1.2]	0.0	[-0.1 to	0.0]	0.586	0.0	[-0.1 to	0.0]	0.135	0.0	[-0.1 to	0.0]	0.461
Systolic function															
LV SV, mL	50.8	[48.6 to	53.1]	1.5	[-1.3 to	4.2]	0.287	0.1	[-2.7 to	2.8]	0.971	-1.4	[-5.1 to	2.3]	0.445
Diastolic function															
A', cm/s	9.6	[9.2 to	10.0]	-0.3	[-0.8 to	0.2]	0.218	0.2	[-0.3 to	0.7]	0.444	0.5	[-0.2 to	1.1]	0.140
S', cm/s	7.1	[6.9 to	7.4]	0.0	[-0.3 to	0.4]	0.790	0.2	[-0.1 to	0.5]	0.188	0.2	[-0.3 to	0.6]	0.427
RV function															
RV GLS, %*	-16.6	[-17.6 to	-15.6]	1.4	[0.0 to	2.8]	0.057	-1.2	[-2.7 to	0.3]	0.107	-2.6	[-4.5 to	-0.7]	0.009
RV S', cm/s	12.1	[11.6 to	12.6]	-0.1	[-0.8 to	0.6]	0.790	0.0	[-0.7 to	0.8]	0.916	0.1	[-0.8 to	1.1]	0.774
TAPSE, mm/s	22.6	[21.9 to	23.4]	-0.4	[-1.6 to	0.8]	0.482	0.3	[-0.9 to	1.5]	0.636	0.7	[-0.9 to	2.3]	0.378

Online table 3: Complete case analyses of effect of high-dose eplerenone after 26 weeks of treatment

	Baseline			Placebo			P	Eplerenone			P	Treatment effect			P
<i>Structure</i>															
LVMi. g/m ²	92.4	[88.4 to	96.4]	2.0	[-2.8 to	6.8]	0.401	-1.7	[-6.6 to	3.1]	0.481	-3.8	[-10.2 to	2.7]	0.247
IV Sd. cm	1.2	[1.2 to	1.3]	0.0	[0.0 to	0.1]	0.459	0.0	[-0.1 to	0.0]	0.811	0.0	[-0.1 to	0.0]	0.444
LV IDd. cm	4.4	[4.3 to	4.5]	0.0	[-0.1 to	0.2]	0.461	0.0	[-0.1 to	0.2]	0.784	0.0	[-0.2 to	0.1]	0.728
LV PWd. cm	1.2	[1.2 to	1.2]	0.0	[-0.1 to	0.0]	0.549	0.0	[-0.1 to	0.0]	0.124	0.0	[-0.1 to	0.0]	0.461
<i>LV function</i>															
GLS, %*	-15.1	[-15.7 to	-14.5]	0.5	[-0.3 to	1.3]	0.240	0.0	[-0.7 to	0.8]	0.905	-0.4	[-1.5 to	0.6]	0.427
LV EF, %*	59.0	[57.7 to	60.4]	0.0	[-1.6 to	1.6]	0.972	0.9	[-0.7 to	2.5]	0.273	0.9	[-1.1 to	2.8]	0.382
LV EDV, mL	87.4	[83.2 to	91.6]	1.9	[-2.3 to	6.1]	0.376	-2.1	[-6.3 to	2.1]	0.328	-3.9	[-9.6 to	1.7]	0.167
LV ESV, mL	36.3	[34.0 to	38.5]	0.2	[-2.1 to	2.6]	0.837	-1.7	[-4.1 to	0.6]	0.145	-2.0	[-5.0 to	1.1]	0.201
LV SV, mL	51.1	[48.7 to	53.6]	1.4	[-1.4 to	4.2]	0.330	-0.1	[-2.8 to	2.7]	0.965	-1.4	[-5.1 to	2.3]	0.445
HR, beat/min	70.3	[68.0 to	72.6]	1.3	[-1.1 to	3.7]	0.296	0.5	[-2.0 to	3.0]	0.671	-0.7	[-3.9 to	2.4]	0.643
<i>Diastolic function</i>															
E-wave, cm/s	0.8	[0.7 to	0.8]	0.0	[0.0 to	0.0]	0.563	0.0	[0.0 to	0.0]	0.897	0.0	[0.0 to	0.1]	0.749
A-wave, cm/s	0.8	[0.7 to	0.8]	0.0	[0.0 to	0.0]	0.484	0.0	[0.0 to	0.1]	0.158	0.0	[0.0 to	0.1]	0.129
E/A-ratop	1.1	[1.0 to	1.2]	0.0	[-0.1 to	0.1]	0.719	-0.1	[-0.1 to	0.0]	0.152	-0.1	[-0.2 to	0.0]	0.193
e', cm/s	7.1	[6.8 to	7.4]	0.0	[-0.3 to	0.4]	0.893	0.1	[-0.2 to	0.5]	0.483	0.1	[-0.4 to	0.6]	0.669
E/e'-ratio	11.2	[10.4 to	12.0]	0.0	[-1.6 to	1.6]	0.972	0.9	[-0.7 to	2.5]	0.273	0.0	[-1.2 to	1.2]	0.991
Desceleration time	266.0	[252.5 to	279.4]	1.7	[-15.1 to	18.5]	0.844	13.3	[-3.6 to	30.3]	0.122	11.7	[-9.7 to	33.1]	0.283
A', cm/s	9.6	[9.2 to	10.0]	-0.3	[-0.8 to	0.2]	0.198	0.2	[-0.3 to	0.6]	0.481	0.5	[-0.2 to	1.1]	0.140
S', cm/s	7.1	[6.8 to	7.4]	0.0	[-0.3 to	0.4]	0.760	0.2	[-0.1 to	0.5]	0.178	0.2	[-0.3 to	0.6]	0.427
LA volume. mL	53.1	[49.7 to	56.4]	-2.1	[-5.2 to	1.1]	0.195	-4.4	[-7.6 to	-1.3]	0.006	-2.3	[-6.6 to	1.9]	0.279
<i>RV function</i>															
RV GLS, %*	-16.5	[-17.6 to	-15.4]	1.4	[0.0 to	2.9]	0.048	-1.1	[-2.6 to	0.3]	0.130	-2.6	[-4.5 to	-0.7]	0.008
RV S', cm/s	12.0	[11.5 to	12.6]	-0.1	[-0.8 to	0.6]	0.845	0.1	[-0.7 to	0.8]	0.861	0.1	[-0.8 to	1.1]	0.771
TAPSE, mm/s	22.5	[21.7 to	23.4]	-0.4	[-1.6 to	0.8]	0.537	0.3	[-0.9 to	1.5]	0.583	0.7	[-0.9 to	2.3]	0.379