

Table S1 The analysis of differences between the Event group and the N-Event group

Parameter	Subgroup	N-Event group (n=28)	Event group (n=33)	$\chi^2/t/z$ value	P value
Gender	Male	15 (53.6%)	21 (63.6%)	0.634	0.426
	Female	13 (46.4%)	12 (36.4%)		
Edema	No	6 (21.4%)	15 (45.5%)	3.873	0.049
	Yes	22 (78.6%)	18 (54.5%)		
Cerebral infarction	No	25 (89.3%)	25 (75.8%)	1.875	1.171
	Yes	3 (10.7%)	8 (24.2%)		
Hypertension	No	1 (3.6%)	7 (21.2%)	4.137	0.042
	Yes	27 (96.4%)	26 (78.8%)		
Diabetes	No	19 (79.2%)	25 (75.8%)	0.092	0.762
	Yes	5 (20.8%)	8 (24.2%)		
Neck patches	No	12 (50%)	17 (51.5%)	0.013	0.91
	Yes	12 (50%)	16 (48.5%)		
Anemic	No	4 (16.7%)	7 (21.2%)	0.184	0.668
	Yes	20 (83.3%)	26 (78.8%)		
Primary hyperparathyroidism	No	4 (15.4%)	5 (16.1%)	0.006	0.939
	Yes	22 (84.6%)	26 (83.9%)		
NYHA heart function classification $\geq$ II	No	27 (96.4%)	13 (39.4%)	21.827	<0.001
	Yes	1 (3.6%)	20 (60.6)		
E/e' $\geq$ 14	No	27 (96.4%)	17 (53.1%)	14.32	<0.001
	Yes	1 (3.6%)	15 (46.9%)		
LAVmin		16.39 $\pm$ 5.29	26.85 $\pm$ 11.98	-4.274	<0.001
LAVmax		38.04 $\pm$ 12.127	56.52 $\pm$ 17.22	-4.763	<0.001
LAVpreA		28.21 $\pm$ 9.61	42.15 $\pm$ 15	-4.233	<0.001
LAVImax		23.29 $\pm$ 6.15	34.55 $\pm$ 10.20	-5.105	<0.001
LAEV		21.54 $\pm$ 8.40	29.85 $\pm$ 8.44	-3.843	<0.001
LAEF		56.25 $\pm$ 8.37	53.91 $\pm$ 9.17	1.034	0.305
LASr%		20.5 (18, 23.75)	18 (13, 26)	0.985	0.3
LAScd%		-10.5 (-15.75, -6)	-11 (-14.5, -6)	-0.224	0.89
LASct%		-10 (-13.75, -4.25)	-8 (-13, -4)	-1.277	0.255
LASr-c%		34.5 (28.25, 47)	35 (24.5, 41)	1.431	0.297
LAScd-c%		-14.5 (-21.75, -8)	-15 (-21.5, -7.5)	-0.531	0.845
LASct-c%		-23 (-25.75, -19)	-20 (-25, -13.5)	-2.431	0.044