

Table S1. Differences in clinical characteristics before discharge and event rates during the first year in patients with low and high left atrial volume index before enrollment.

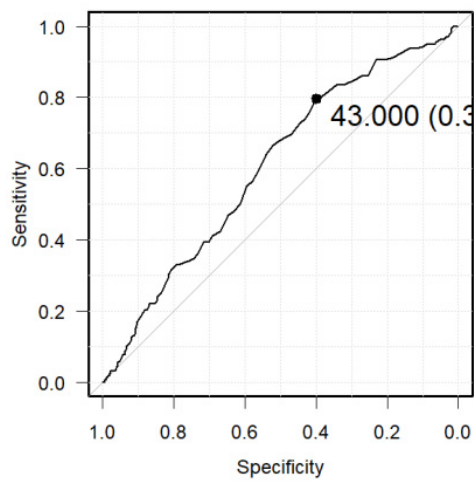
	Left atrial volume index		<i>P value</i>
	≤43 mL/m ²	>43 mL/m ²	
Age, years	80 ± 10	82 ± 8	0.001
Men, %	49	41	0.044
Systolic blood pressure, mmHg	124 ± 19	120 ± 19	0.011
Diastolic blood pressure, mmHg	67 ± 12	65 ± 12	0.055
Heart rate, bpm	70 ± 15	70 ± 15	0.458
Log (NT-proBNP)	2.90 ± 0.54	3.15 ± 0.48	<0.001
eGFR, mL/min/1.73m ²	46.0 ± 20.4	40.9 ± 17.2	<0.001
Atrial fibrillation, %	29	57	<0.001
Coronary artery disease, %	16	20	0.412
Diabetes mellitus, %	34	33	0.924
Dyslipidaemia, %	37	45	0.035
Hypertension, %	84	86	0.303
<i>Medications</i>			
Beta-blockers, %	47	60	<0.001
Calcium-channel blockers, %	53	51	0.697
Diuretics, %	77	86	<0.001
RAAS inhibitors, %	70	76	0.108
Statins, %	29	35	0.124
<i>Re-admission for HF, %</i>	26	38	<0.001

Values are mean ± standard deviation or percentage. eGFR, estimated glomerular filtration rate; HF, heart failure; NT-proBNP, N-terminal pro-brain natriuretic peptide; RAAS, renin-angiotensin-aldosterone system.

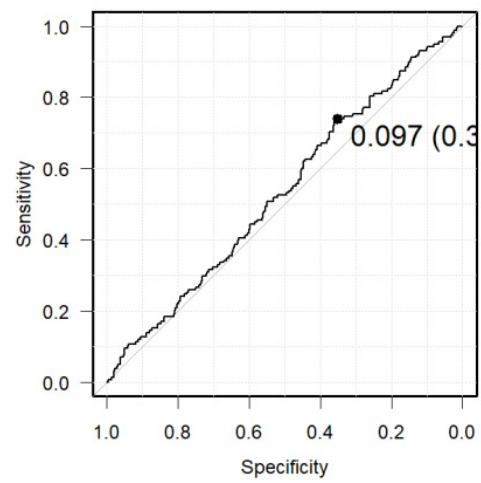
Table S2. Differences in echocardiographic data in patients with low and high left atrial volume index before discharge.

	LAVI		<i>P value</i>
	Low	High	
LAD, mm	39 ± 6	47 ± 8	<0.001
LAVI, mL/m ²	33 ± 7	69 ± 29	<0.001
SV/LAV	0.98 ± 0.37	0.55 ± 0.26	<0.001
LVDs, mm	29 ± 6	30 ± 5	<0.001
LVDd, mm	45 ± 6	46 ± 6	<0.001
LVEF, %	61.1 ± 7.7	60.2 ± 7.9	0.164
LVMI, g/m ²	100 ± 29	113 ± 38	<0.001
DcT of E wave, sec	0.22 ± 0.06	0.21 ± 0.07	0.354
E/e'	13.1 ± 5.5	14.2 ± 6.1	0.017
Ed/Ea	0.120 ± 0.055	0.133 ± 0.059	0.003

Values are mean ± standard deviation. DcT, deceleration time; E, early transmitral flow velocity; e', onset of early diastolic mitral annular velocity; Ea, arterial elastance; Ed diastolic elastance; LAD, left atrial diameter; LAV, left atrial volume; LAVI, left atrial volume index; LVDs, left ventricular end-systolic dimension; LVDd, left ventricular end-diastolic dimension; LVEF, left ventricular ejection fraction; LVMI, left ventricular mass index; SV, stroke volume.



LVI: AUC 0.606 (95% CI 0.558 - 0.654)



Ed/Ea: AUC 0.533 (95%CI 0.483 - 0.582)

Figure S1: Area under the curve (AUC) calculated by receiver operating characteristic curve analysis in all patients with heart failure with preserved ejection fraction.