

Supplementary Table 4. Factors associated with reduction in left atrial diameter

Variables	Reduction in LAD			
	Crude OR (95% CI)	P value	Adjusted OR (95% CI)	P value
Age \geq 80 years	0.70 (0.52-0.96)	0.03	0.67 (0.44-1.02)	0.06
Women	0.79 (0.58-1.08)	0.14	0.90 (0.59-1.38)	0.64
History of Atrial fibrillation or flutter at discharge	0.98 (0.72-1.34)	0.92	0.82 (0.53-1.28)	0.82
eGFR at discharge <30 mL/min/1.73m ²	0.85 (0.57-1.25)	0.41	0.93 (0.56-1.54)	0.77
Anemia at discharge	0.87 (0.63-1.20)	0.39	1.25 (0.81-1.91)	0.31
ACE-I or ARB at discharge	1.06 (0.76-1.48)	0.75	1.03 (0.67-1.58)	0.89
β -blocker at discharge	1.12 (0.78-1.62)	0.54	1.22 (0.75-1.97)	0.43

MRA at discharge	1.07 (0.78-1.45)	0.68	0.81 (0.53-1.24)	0.81
Diuretic at discharge	0.91 (0.57-1.45)	0.68	0.83 (0.44-1.54)	0.55
LAD \geq 40 mm (baseline)	3.07 (2.14-4.40)	<0.0001	3.49 (2.10-5.80)	<0.0001
LVDd >55 mm (baseline)	1.25 (0.91-1.73)	0.17	0.79 (0.47-1.33)	0.38
LVEF <40% (baseline)	1.43 (1.04-1.97)	0.03	1.45 (0.89-2.36)	0.13
Moderate/Severe MR (baseline)	1.25 (0.90-1.72)	0.18	0.96 (0.63-1.46)	0.86
TRPG >31.4 mmHg (baseline)	1.56 (1.10-2.22)	0.01	1.55 (1.02-2.37)	0.04
Change in LVDd >0 mm (from baseline to follow-up)	0.63 (0.45-0.88)	0.006	0.74 (0.49-1.14)	0.17
Change in LVEF >0% (from baseline to follow-up)	1.40 (1.02-1.92)	0.04	1.07 (0.71-1.63)	0.74

Change in TRPG >0 mmHg	0.51	0.62
(from baseline to follow-up)	(0.35-0.74)	(0.41-0.95)
	0.003	0.03

Diuretics included loop diuretic, thiazide and tolvaptan.

eGFR, estimated glomerular filtration rate; ACE-I, angiotensin-converting enzyme

inhibitor; ARB, angiotensin-receptor blocker; MRA, mineralocorticoid receptor

antagonist; LAD, left atrial diameter; LVDd, left ventricular end-diastolic dimension;

LVEF, left ventricular ejection fraction; MR, mitral regurgitation; TRPG, tricuspid

regurgitant pressure gradient; OR, odds ratio; CI, confidence interval.