

Supplementary Table 1. Baseline clinical, laboratory characteristics, treatment strategy, and outcomes on admission according to prescription of β -blocker

Characteristic	BB (n = 1,707)	No BB (n = 1,309)	p value
Age, yr	64.96 \pm 14.7	67.34 \pm 14.9	< 0.001 ^a
Male sex	1,036 (60.7)	809 (61.8)	0.560
Current smoker	405 (23.7)	248 (18.9)	0.002 ^a
Body mass index, kg/m ²	23.5 \pm 3.9	22.8 \pm 3.8	< 0.001 ^a
Hypertension	958 (56.1)	703 (53.7)	0.199
Diabetes mellitus	644 (37.7)	466 (35.6)	0.245
Chronic kidney disease	214 (12.5)	212 (16.2)	0.005 ^a
Pulmonary disease	137 (8.0)	174 (13.3)	< 0.001 ^a
Prior HF admission	483 (28.3)	513 (39.2)	< 0.001 ^a
<i>De novo</i> HF	977 (57.2)	576 (44.0)	< 0.001 ^a
ICMP	696 (40.8)	551 (42.1)	0.489
Atrial fibrillation	507 (29.7)	367 (28.0)	0.338
NYHA \geq 3	1,461 (85.6)	1,136 (86.8)	0.375
SBP, mmHg	131.5 \pm 29.1	125.2 \pm 28.2	< 0.001 ^a
DBP, mmHg	81.9 \pm 18.9	76.9 \pm 17.6	< 0.001 ^a
Pulse rate, beats/min	95.7 \pm 24.6	95.5 \pm 25.6	0.809
LVEF, %	26.7 \pm 7.4	26.8 \pm 7.5	0.758
Sodium, mmol/L	137.9 \pm 4.4	137.1 \pm 4.9	< 0.001 ^a
Creatinine, mg/dL	1.47 \pm 1.4	1.52 \pm 1.5	0.333
Hemoglobin, g/dL	12.9 \pm 2.3	12.6 \pm 2.3	< 0.001 ^a
AAs at discharge	970 (56.8)	610 (46.6)	< 0.001 ^a
RASB at discharge	1,408 (82.5)	885 (67.6)	< 0.001 ^a
Loop diuretics	1,615 (94.6)	1,232 (94.1)	0.615
Intravenous inotropes	470 (27.5)	562 (42.9)	< 0.001 ^a
Transfusion	238 (13.9)	280 (21.4)	< 0.001 ^a
Mechanical ventilation	186 (10.9)	215 (16.4)	< 0.001 ^a
Renal replacement therapy	99 (5.8)	89 (6.8)	0.294
Assist device ^b	89 (5.2)	83 (6.3)	0.214
ICU admission	786 (46.0)	671 (51.3)	0.005 ^a
Length of stay, day	12.1 \pm 13.8	14.8 \pm 18.4	< 0.001 ^a
SBP at discharge, mmHg	113.3 \pm 16.9	111.9 \pm 16.9	0.025 ^a

Values are presented as mean \pm SD or number (%).

BB, β -blocker; HF, heart failure; ICMP, ischemic cardiomyopathy; NYHA, New York Heart Association; SBP, systolic blood pressure; DBP, diastolic blood pressure; LVEF, left ventricular ejection fraction; AA, aldosterone antagonist; RASB, renin angiotensin system blocker; ICU, intensive care unit.

^aStatistically significance.

^bAssist devices included intra-aortic balloon pumps, left ventricular assist devices, extracorporeal membrane oxygenation, and cardiac resynchronization therapy.