

## **SUPPLEMENTAL MATERIAL**

**Supplemental Table 1.** Propensity Model Results for Discharge Anticoagulation

**Supplemental Table 2.** Inverse Probability-Weighted Characteristics of the Study Population

**Supplemental Table 1. Propensity Model Results for Discharge Anticoagulation**

Variable	Odds Ratio (95% CI)	P Value
Age, per 5 years	0.83 (0.77,0.90)	< .001
Sex		
Female	[Reference]	
Male	0.85 (0.68-1.06)	.14
Race		
Black	0.73 (0.49-1.08)	.12
White	[Reference]	
Other/unknown	0.74 (0.48-1.15)	.18
Comorbid conditions		
Chronic obstructive pulmonary disease	0.88 (0.71-1.10)	.26
Chronic renal insufficiency	0.88 (0.69-1.13)	.32
Coronary artery disease	0.95 (0.74-1.22)	.71
Diabetes mellitus	0.84 (0.68-1.05)	.12
Dyspnea	1.01 (0.74-1.38)	.96
Fatigue	1.05 (0.85-1.30)	.65
Hyperlipidemia/dyslipidemia	0.95 (0.77-1.17)	.62
Hypertension	0.88 (0.70-1.10)	.25
Peripheral vascular disease	0.86 (0.66-1.13)	.28
Prior myocardial infarction	0.83 (0.66-1.04)	.10
Rales	0.67 (0.55-0.83)	< .001
Stroke or transient ischemic attack	0.88 (0.67-1.15)	.36
Ejection fraction		
> 40%	0.79 (0.60-1.05)	.10
26% to 35%	[Reference]	
≤ 25%	1.04 (0.80-1.35)	.77
Missing	0.56 (0.40-0.80)	.002
Heart rate		
< 80 bpm	0.90 (0.72-1.13)	.37
80-100 bpm	[Reference]	
> 100 bpm	1.50 (1.11-2.03)	.008
Systolic blood pressure		

Variable	Odds Ratio (95% CI)	P Value
< 110 mm Hg	0.99 (0.75-1.29)	.92
110-150 mm Hg	[Reference]	
> 150 mm Hg	0.99 (0.77-1.27)	.94
Serum creatinine		
< 1.5 mg/dL	[Reference]	
1.5-2.0 mg/dL	0.86 (0.67-1.10)	.24
> 2.0 mg/dL	1.14 (0.83-1.55)	.42
Serum sodium		
< 135 mEq/L	1.22 (0.95-1.57)	.11
135-145 mEq/L	[Reference]	
> 145 mEq/L	1.09 (0.57-2.07)	.79
Hemoglobin		
< 9 g/dL	0.89 (0.52-1.54)	.68
9-11 g/dL	0.78 (0.60-1.00)	.05
> 11 g/dL	[Reference]	
Length of index stay > 7 days	2.25 (1.77-2.85)	< .001
Model c statistic	0.668	

**Supplemental Table 2. Inverse Probability-Weighted Characteristics of the Study Population**

Characteristic	No Anticoagulation (n = 2049)	Anticoagulation (n = 537)	Standardized Difference, %	P Value
Age, mean (SD), y	79.6 (7.4)	79.5 (6.9)	1.2	.81
Male, No. (%)	1100 (53.9)	295 (53.7)	0.3	.95
Race, No. (%)			2.2	.91
Black	168 (7.9)	36 (7.7)		
White	1754 (86.2)	473 (86.9)		
Other/unknown	127 (5.9)	28 (5.5)		
Medical history, No. (%)				
Coronary artery disease	1526 (74.3)	392 (75.0)	1.6	.74
Prior myocardial infarction	816 (39.1)	193 (40.5)	2.9	.55
Diabetes mellitus	785 (37.8)	192 (37.2)	1.1	.82
Chronic renal insufficiency	756 (36.4)	185 (36.8)	0.9	.86

Characteristic	No Anticoagulation (n = 2049)	Anticoagulation (n = 537)	Standardized Difference, %	P Value
Hyperlipidemia/dyslipidemia	881 (42.8)	227 (41.9)	1.9	.70
Hypertension	1465 (70.4)	356 (69.6)	1.7	.73
Peripheral vascular disease	391 (18.6)	88 (19.3)	1.7	.72
Stroke or transient ischemic attack	385 (18.1)	83 (17.6)	1.3	.79
Chronic obstructive pulmonary disease	656 (31.7)	164 (31.8)	0.1	.98
Initial evaluation, No. (%)				
Dyspnea	1827 (88.8)	471 (88.3)	1.7	.73
Ejection fraction			2.4	.97
Normal or slightly impaired (> 40%)	622 (29.4)	140 (28.8)		
Moderately impaired (26%-40%)	481 (24.1)	140 (23.9)		
Severely impaired (≤ 25%)	598 (31.0)	202 (32.1)		
Missing	348 (15.6)	55 (15.2)		
Fatigue	654 (32.3)	180 (32.4)	0.4	.94
Pulmonary edema	1708 (82.4)	420 (82.6)	0.4	.93
Rales	1375 (65.3)	312 (65.6)	0.7	.89
Initial vital signs, No. (%)				
Pulse			2.3	.90
< 80 bpm	1165 (55.3)	266 (54.7)		
80-100 bpm	644 (31.6)	174 (31.5)		
> 100 bpm	240 (13.1)	97 (13.9)		
Systolic blood pressure			3.0	.83
< 110 mm Hg	355 (18.1)	113 (17.9)		
110-150 mm Hg	1122 (54.8)	293 (56.1)		
> 150 mm Hg	572 (27.2)	131 (25.9)		
Laboratory test results				
Serum creatinine			4.2	.69
< 1.5 mg/dL	1031 (50.8)	282 (51.2)		
1.5-2.0 mg/dL	617 (29.4)	146 (27.8)		
> 2.0 mg/dL	401 (19.7)	109 (21.0)		
Serum sodium			3.7	.75
< 135 mEq/L	369 (18.9)	118 (20.2)		
135-145 mEq/L	1631 (78.8)	406 (77.7)		

Characteristic	No Anticoagulation (n = 2049)	Anticoagulation (n = 537)	Standardized Difference, %	P Value
> 145 mEq/L	49 (2.4)	13 (2.1)		
Hemoglobin			1.3	.96
< 9 g/dL	74 (3.6)	18 (3.3)		
9-11 g/dL	489 (22.9)	102 (23.1)		
> 11 g/dL	1486 (73.5)	417 (73.6)		
Discharge medications, No. (%)				
ACE inhibitor or ARB	1247 (60.7)	349 (65.0)	8.8	.07
Aspirin	1215 (59.2)	216 (40.3)	38.6	< .001
$\beta$ -Blocker	1336 (65.3)	361 (68.1)	5.9	.23
Clopidogrel	449 (21.6)	37 (6.8)	43.2	< .001
Diuretic	1610 (78.3)	420 (78.7)	1.0	.83
Lipid-lowering agent	741 (36.0)	213 (39.9)	8.0	.10
Length of stay, mean (SD), d	5.0 (3.9)	5.4 (3.9)	9.3	.06
Length of stay > 7 days, No. (%)	295 (17.4)	153 (17.6)	0.4	.93

Abbreviations: ACE, angiotensin-converting enzyme; ARB, angiotensin-receptor blocker.