

Supplementary Material

Table S1: List of covariates included in the propensity score model

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Table S4: Baseline Characteristics of patients in the post-discharge outcomes analyses

Table S1: List of covariates included in the propensity score model

- Glomerular Filtration Rate (CKD-EPI)
- Age
- Gender
- Race (White, African American or Black, Asian)
- Admission source (Emergency room, transfer, other)
- Atrial Fibrillation History
- Pre-PCI LV ejection fraction <40%
- Current/Recent smoker (within 1 year)
- Hypertension
- Dyslipidemia
- Family history of Premature CAD
- Prior MI
- Prior HF
- Prior Valve Surgery/Procedure
- Prior PCI
- Prior CABG
- Weight
- Height
- Dialysis
- Peripheral Arterial Disease
- Chronic Lung Disease
- Diabetes Mellitus
- ¹CAD Presentation (STEMI, NSTEMI, UA, SA, non-ischemic, no symptoms)
- Heart Failure within 2 weeks
- Cardiomyopathy of LV systolic dysfunction
- Cardiogenic shock within 24 hours
- Cardiac arrest within 24 hours
- PCI Status
- Cardiogenic Shock at the start of PCI
- PCI indication
- Pre-Procedure hemoglobin

¹Exact matching required for CAD presentation

Abbreviations: CAD = coronary artery disease; NSTEMI = non-ST-segment elevation myocardial infarction; PCI = percutaneous coronary intervention; STEMI = ST-segment elevation myocardial infarction.

Table S2: Variables selected for 90-day readmission multivariable logistic regression model

- Glomerular filtration rate
- Gender
- African American/Black race
- Hypertension
- Dyslipidemia
- Prior heart failure
- Prior peripheral arterial disease
- Chronic lung disease
- Diabetes Mellitus
- Admission source (Emergency room, transfer, other)
- Heart failure within prior 2 weeks
- Pre-procedure hemoglobin

Table S3: Variables selected for the long-term mortality Cox proportional hazards model

- Gender
- Dyslipidemia
- Prior peripheral arterial disease
- Chronic Lung disease
- Admission source (Emergency room, transfer, other)
- Heart failure within 2 weeks
- PCI status
- Pre-procedure hemoglobin
- Coronary artery disease presentation (STEMI, NSTEMI, UA, SA, not ischemic, no symptoms)

Table S4: Baseline characteristics of patients linked to Medicare claims data.

Characteristics	No History of TIA/CVA (n=12,128)	History of TIA/CVA (n=1,933)	p-value
Age	72.19 ± 9.60	73.05 ± 9.71	p < 0.001
Female Sex	4,791/12,128 (39.5%)	876/1,933 (45.3%)	p < 0.001
White Race	10,717/12,128 (88.4%)	1,646/1,933 (85.2%)	p < 0.001
Black Race	995/12,128 (8.2%)	239/1,933 (12.4%)	p < 0.001
Comorbidities			
Current/Recent Smoker (w/in 1 year)	2,369/12,126 (19.5%)	365/1,933 (18.9%)	p = 0.500
Hypertension	10,822/12,127 (89.2%)	1,830/1,933 (94.7%)	p < 0.001
Dyslipidemia	10,173/12,118 (83.9%)	1,717/1,933 (88.8%)	p < 0.001
Family History of Premature CAD	1,592/12,126 (13.1%)	243/1,933 (12.6%)	p = 0.499
Prior MI	3,882/12,125 (32.0%)	815/1,933 (42.2%)	p < 0.001
Prior Heart Failure	2,056/12,124 (17.0%)	540/1,933 (27.9%)	p < 0.001
Prior Valve Surgery/Procedure	247/12,123 (2.0%)	61/1,933 (3.2%)	p = 0.002
Prior PCI	5,460/12,126 (45.0%)	957/1,933 (49.5%)	p < 0.001
Prior CABG	2,475/12,127 (20.4%)	476/1,933 (24.6%)	p < 0.001
Height	169.62 ± 10.69	168.24 ± 10.71	p < 0.001
Weight	86.74 ± 21.26	84.95 ± 19.83	p < 0.001
Cerebrovascular Disease	989/12,126 (8.2%)	1,840/1,933 (95.2%)	p < 0.001
Peripheral Arterial Disease	2,229/12,126 (18.4%)	575/1,933 (29.7%)	p < 0.001
Chronic Lung Disease	2,701/12,126 (22.3%)	570/1,933 (29.5%)	p < 0.001
Diabetes Mellitus	4,864/12,127 (40.1%)	962/1,933 (49.8%)	p < 0.001
Heart Failure w/in 2 Weeks	1,466/12,127 (12.1%)	321/1,932 (16.6%)	p < 0.001
Cardiomyopathy or Left Ventricular Systolic Dysfunction	1,265/12,127 (10.4%)	220/1,932 (11.4%)	p = 0.204
Coronary Artery Disease Presentation			
No symptom, no angina	394/12,124 (3.2%)	63/1,932 (3.3%)	p = 0.980
Symptom unlikely to be ischemic	293/12,124 (2.4%)	41/1,932 (2.1%)	p = 0.430
Stable angina	1,170/12,124 (9.7%)	188/1,932 (9.7%)	p = 0.911
Unstable angina	5,803/12,124 (47.9%)	895/1,932 (46.3%)	p = 0.208
Non-STEMI	2,729/12,124 (22.5%)	508/1,932 (26.3%)	p < 0.001
ST-Elevation MI (STEMI) or equivalent	1,735/12,124 (14.3%)	237/1,932 (12.3%)	p = 0.016
Pre-procedural and procedural variables			
Cardiogenic Shock w/in 24 Hours	204/12,127 (1.7%)	39/1,932 (2.0%)	p = 0.292
Cardiac Arrest w/in 24 Hours	167/12,126 (1.4%)	28/1,932 (1.4%)	p = 0.801
IABP	254/12,123 (2.1%)	39/1,933 (2.0%)	p = 0.825
Other Mechanical Ventricular Support	102/12,118 (0.8%)	19/1,933 (1.0%)	p = 0.533
Arterial Access Site: Femoral	8,877/12,127 (73.2%)	1,452/1,933 (75.1%)	p = 0.076
Arterial Access Site: Radial	3,216/12,127 (26.5%)	471/1,933 (24.4%)	p = 0.046
Pre-PCI Left Ventricular Ejection Fraction	52.71 ± 12.78	51.44 ± 13.57	p < 0.001
Cardiogenic Shock at Start of PCI	264/12,123 (2.2%)	40/1,932 (2.1%)	p = 0.763
Pre-Procedure Creatinine	1.17 ± 0.96	1.35 ± 1.34	p < 0.001
Pre-Procedure Hemoglobin	13.24 ± 1.83	12.73 ± 1.93	p < 0.001

All percentages represent frequencies. Where nominal values are used, they are presented as mean ± standard deviation.

Non-STEMI=Non ST-elevation myocardial infarction; STEMI=ST-elevation myocardial infarction; PCI=percutaneous coronary intervention.