

## **SUPPLEMENTAL MATERIAL**

**Supplemental Table 1.** Baseline Characteristics of the Study Population After Application of Inverse Probability Weights

**Supplemental Table 2.** Medication Adherence Within 90 Days of Discharge Among Patients with Medicare Part D Coverage

**Supplemental Table 1.** Baseline Characteristics of the Study Population After Application of Inverse Probability Weights

Characteristic	Black Patients				Patients of Other Races			
	H-ISDN at Discharge, No. (%)		P Value	Standardized Difference <sup>a</sup>	H-ISDN at Discharge, No. (%)		P Value	Standardized Difference <sup>a</sup>
	Yes (n = 316)	No (n = 1076)			Yes (n = 595)	No (n = 2676)		
Age, mean (SD), y	75.9 (7.9)	75.7 (8.1)	.80	.02	80.2 (7.8)	80.1 (7.9)	.69	.02
Age group, No. (%)			.60	.03			.99	.001
65-79 y	225 (70.7)	745 (69.2)			270 (45.3)	1214 (45.3)		
≥ 80 y	93 (29.3)	332 (30.8)			327 (54.7)	1463 (54.7)		
Women, No. (%)	158 (49.6)	517 (48.1)	.62	.03	221 (37.0)	971 (36.3)	.75	.02
Medical history, No. (%)								
Anemia	48 (15.0)	160 (14.9)	.96	.004	114 (19.0)	493 (18.4)	.74	.02
Atrial fibrillation/ flutter	75 (23.7)	245 (22.7)	.72	.02	256 (42.8)	1141 (42.6)	.92	.004
Cerebrovascular accident or TIA	60 (18.8)	196 (18.2)	.79	.02	90 (15.1)	435 (16.3)	.48	.03
COPD	80 (25.3)	285 (26.5)	.66	.03	163 (27.2)	751 (28.1)	.67	.02
Depression	15 (4.6)	53 (5.0)	.79	.02	57 (9.5)	249 (9.3)	.89	.01
Diabetes mellitus	130 (40.8)	448 (41.6)	.82	.02	243 (40.7)	1026 (38.3)	.33	.05
Hyperlipidemia	131 (41.2)	455 (42.3)	.73	.02	304 (50.9)	1381 (51.6)	.75	.01
Hypertension	260 (81.9)	897 (83.3)	.56	.04	396 (66.3)	1826 (68.2)	.37	.04
Implantable cardioverter-defibrillator	63 (19.8)	217 (20.1)	.91	.008	132 (22.1)	582 (21.8)	.85	.01
Heart failure with ischemic etiology	152 (47.8)	532 (49.4)	.61	.03	431 (72.1)	1932 (72.2)	.98	.001
Pacemaker	38 (11.8)	133 (12.3)	.81	.02	112 (18.8)	539 (20.2)	.46	.03
Peripheral vascular disease	35 (11.0)	116 (10.7)	.90	.01	101 (16.9)	436 (16.3)	.72	.02
Renal insufficiency	58 (18.3)	203 (18.8)	.83	.01	170 (28.5)	769 (28.7)	.91	.01
Smoking in the previous year	55 (17.4)	191 (17.7)	.90	.01	59 (9.8)	262 (9.8)	.97	.002
No. of all-cause hospital admissions in the prior year, mean (SD)	1.4 (1.8)	1.4 (1.9)	.85	.01	1.4 (1.8)	1.4 (1.6)	.46	.03
Claims-based history at admission, No. (%)								
Chronic liver disease	6 (1.8)	16 (1.5)	.71	.02	4 (0.6)	19 (0.7)	.83	.01
Dementia	26 (8.2)	80 (7.4)	.63	.03	35 (5.9)	170 (6.3)	.70	.02
Disability	11 (3.4)	34 (3.1)	.82	.01	8 (1.3)	43 (1.6)	.63	.02
Malnutrition	12 (3.9)	33 (3.1)	.48	.04	25 (4.1)	128 (4.8)	.48	.03
Psychiatric disorder	3 (0.8)	9 (0.9)	.93	.01	3 (0.6)	22 (0.8)	.48	.03
Vital signs at admission								
Heart rate, mean (SD), beats/min	87.9 (21.1)	88.0 (20.0)	.95	.004	84.1 (19.9)	84.9 (20.1)	.38	.04
Heart rate, No. (%)			.85	.04			.68	.04
< 80 beats/min	107 (33.7)	373 (34.6)			268 (44.9)	1184 (44.2)		

80-100 beats/min	131 (41.2)	450 (41.8)			223 (37.4)	975 (36.4)		
> 100 beats/min	80 (25.1)	254 (23.6)			106 (17.8)	517 (19.3)		
Respiratory rate, No. (%)			.81	.02			.75	.02
< 30 breaths/min	298 (93.7)	1,013 (94.1)			564 (94.4)	2518 (94.1)		
≥ 30 breaths/min	20 (6.3)	64 (5.9)			33 (5.6)	159 (5.9)		
Systolic blood pressure, mean (SD), mm Hg	143 (29.5)	142 (29.9)	.71	.02	132 (26.8)	129 (26.1)	.03	.10
Systolic blood pressure, No. (%)			.63	.06			.97	.01
< 110 mm Hg	35 (11.0)	136 (12.6)			131 (21.9)	599 (22.4)		
110-150 mm Hg	174 (54.8)	562 (52.2)			349 (58.4)	1555 (58.1)		
> 150 mm Hg	109 (34.2)	379 (35.2)			118 (19.7)	523 (19.5)		
Tests at admission								
Left ventricular ejection fraction, mean (SD), %	24.4 (7.4)	24.5 (7.8)	.85	.01	26.5 (6.7)	26.4 (7.3)	.82	.01
Serum creatinine, mean (SD), mg/dL	1.6 (0.9)	1.8 (7.3)	.58	.04	1.8 (1.1)	1.8 (1.2)	.75	.01
Serum creatinine, No. (%)								
< 1.5 mg/dL	184 (57.8)	623 (57.9)	> .99	.004	262 (43.9)	1142 (42.7)	.80	.03
1.5-2.0 mg/dL	85 (26.8)	287 (26.6)			174 (29.2)	816 (30.5)		
> 2.0 mg/dL	49 (15.4)	167 (15.5)			161 (26.9)	718 (26.8)		
Serum urea nitrogen, mg/dL	27.3 (15.8)	26.9 (16.4)	.71	.02	36.3 (20.6)	36.3 (19.9)	.98	.001
Serum urea nitrogen, No. (%)								
< 20 mg/dL	111 (35.0)	384 (35.7)	.96	.02	106 (17.7)	416 (15.5)	.43	.06
20-50 mg/dL	182 (57.4)	608 (56.4)			380 (63.6)	1748 (65.3)		
> 50 mg/dL	24 (7.6)	85 (7.9)			112 (18.7)	513 (19.2)		
Medications at discharge, No. (%)								
ACE inhibitor	179 (56.3)	686 (63.7)	.02	.15	---	---	---	---
ARB	48 (15.3)	158 (14.7)	.80	.02	---	---	---	---
ACE inhibitor and/or ARB	222 (69.9)	830 (77.1)	.01	.16	---	---	---	---
Aldosterone antagonist	85 (26.8)	240 (22.3)	.09	.11	123 (20.5)	539 (20.2)	.44	.01
β-Blocker	280 (88.3)	933 (86.6)	.45	.05	498 (83.4)	2101 (78.5)	.01	.12
Digoxin	69 (21.7)	199 (18.5)	.21	.08	154 (25.8)	645 (24.1)	.39	.04
Diuretic	169 (53.1)	664 (61.7)	.006	.17	318 (53.3)	1688 (63.1)	< .001	.20

Abbreviations: ACE, angiotensin-converting enzyme; ARB, angiotensin II receptor blocker; COPD, chronic obstructive pulmonary disease; H-ISDN, hydralazine-isosorbide dinitrate; TIA, transient ischemic attack.

SI conversion factors: To convert creatinine from mg/dL to μmol/L, multiply by 88.4; and to convert urea nitrogen from mg/dL to mmol/L, multiply by 0.357.

a Calculated as the difference in means or proportions divided by a pooled estimate of the SD. A standardized difference greater than 0.1 is typically considered meaningful.

b In accordance with the privacy policy of the Centers for Medicare & Medicaid Services, data for cells containing 10 or fewer observations and data for cells that would allow for calculation of cells containing 10 or fewer observations are not reported.

**Supplemental Table 2.** Medication Adherence Within 90 Days of Discharge Among Patients with Medicare Part D Coverage

Patients	Hydralazine-Nitrate	Mineralocorticoid Receptor Antagonist (Positive Control)
Part D patients who filled an outpatient prescription within 90 days (irrespective of whether discharged on the drug) , No. (%)	161/4935 (3)	876/4935 (18)
Part D patients who filled an outpatient prescription among those who were discharged from the hospital on the drug, No. (%)		
Overall	161/353 (46)	876/1162 (75)
Black patients	69/161 (43)	107/146 (73)
Patients of other races	92/192 (48)	769/1016 (76)