

**Appendix 5:** Main baseline characteristics by exposure status in secondary cohort [posted as supplied by author]

	<b>Non- ICD (N=17,853)</b>	<b>ICD (N=412)</b>	<b>p-value</b>
Age	80.0 (7.8)	75.5 (5.8)	<0.0001
Male	9321 (52%)	289 (70%)	<0.0001
White	15068 (84%)	320 (78%)	0.0004
Ejection fraction (%) (Median, IQR)	29 (20-33)	25 (20-30)	<0.0001
Charlson scores (Median, IQR)	3 (1-4)	3 (2-5)	0.0072
≥ 1 hospitalization for any causes	9168 (51%)	259 (63%)	<0.0001
≥ 1 hospitalization for heart failure	2844 (16%)	142 (34%)	<0.0001
≥ 1 hospitalization for myocardial infarction (MI)	203 (1%)	7 (2%)	0.25
≥ 1 hospitalization for non-MI ischemic heart disease	104 (1%)	4 (1%)	0.31
≥ 1 hospitalization for other cardiac disease	51 (0%)	1 (0%)	1.00
≥ 1 hospitalization for non-cardiac causes	6501 (36%)	127 (31%)	0.02
Number of prior outpatient visits (Mean, SD)	10.3 (9.4)	12.1 (9.3)	0.0001
≥1 prior outpatient visit	16167 (91%)	396 (96%)	<0.0001
≥1 prior SNF admission	2679 (15%)	41 (10%)	0.004
HF due to ischemic causes	14165 (79%)	357 (87%)	<0.0001
Any cerebrovascular disease	3860 (22%)	107 (26%)	0.04
Hemorrhagic stroke	198 (1%)	11 (3%)	0.008
Ischemic stroke	1376 (8%)	38 (9%)	0.26
Transient ischemic attack	1175 (7%)	25 (6%)	0.76
Other cerebrovascular disease	2741 (15%)	78 (19%)	0.053
Peripheral vascular disease	4147 (23%)	98 (24%)	0.81
Dementia	3503 (20%)	41 (10%)	<0.0001
Depression	2821 (16%)	67 (16%)	0.78
Any liver disease	1118 (6%)	33 (8%)	0.15
Gastrointestinal ulcer/bleeding	2755 (15%)	54 (13%)	0.21
Dialysis	527 (3%)	9 (2%)	0.46
Chronic kidney disease	8009 (45%)	201 (49%)	0.12
Chronic obstructive pulmonary disease	8283 (46%)	219 (53%)	0.007
Cancer (except non-melanoma skin cancer)	3020 (17%)	69 (17%)	1.0
Metastatic cancer	566 (3%)	11 (3%)	0.67
Diabetes	8648 (48%)	237 (58%)	<0.0001
Systolic blood pressure (SBP) (Median, IQR)	133 (116-152)	127 (113-143)	<0.0001
SBP missing	9230 (52)	7 (2)	
Serum sodium (Median, IQR)	138 (136-141)	138 (136-140)	0.71
Sodium missing	12032 (67)	8 (2)	
Serum B-type natriuretic peptide (BNP) (Median, IQR)	1249 (657-2258)	915 (402-1801)	0.0009
BNP missing	12810 (72)	206 (50)	
Serum creatinine (SCr) (Median, IQR)	1.3 (1.0-1.8)	1.3 (1.1-1.7)	0.04
SCr missing	11488 (64)	4 (1)	
Estimated glomerular filtration rate (Median, IQR)	47 (32-64)	55 (40-69)	<0.0001