

Electronic supplementary material 3: Comorbidities and drug therapies considered for inclusion in multivariable regression models

Article title: Effect of cardiologist care on 6-month outcomes in patients discharged with heart failure: results from an observational study based on administrative data

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Table 1 ICD-9-CM codes for identification of comorbid conditions

Condition	ICD-9-CM codes	
	HF episode	Hospital admissions in the previous 2 years
Malignant tumors	140.0–208.9, V10	140.0–208.9, V10
Diabetes		250.0–250.9
Disorders of lipid metabolism		272
Obesity	278.0	278.0
Hematologic diseases	280–285, 288, 289	280–285, 288, 289
Arterial hypertension		401–405
Previous myocardial infarction	412	410, 412
Other forms of ischemic heart disease	411, 413, 414	411, 413, 414
Ill-defined descriptions and complications of ischemic heart disease		429
Rheumatic heart disease	393–398 (except 398.91)	391, 393–398 (except 398.91)
Cardiomyopathies	425	425
Endocarditis and acute myocarditis		421, 422
Other cardiac diseases	745, V15.1, V42.2, V43.2, V43.3, V45.0	745, V15.1, V42.2, V43.2, V43.3, V45.0
Conduction disorders and cardiac dysrhythmias	426, 427	426, 427
Cerebrovascular diseases	433, 437, 438	430–432, 433, 434, 436, 437, 438
Vascular diseases	440–448 (except 441.1, 441.3, 441.5, 441.6, 444), 557.1	440–448, 557
HIV/AIDS	042	042
COPD		491–492, 494, 496
Pneumoconiosis and other alveolar or parieto-alveolar lung diseases	500–508, 516	500–508, 516
Chronic nephropathies	582–583, 585–588	582–583, 585–588
Chronic diseases of liver, pancreas and intestine	571–572, 577.1–577.9, 555, 556	571–572, 577.1–577.9, 555, 556
Alcohol abuse	303.9	303.9
Previous bypass surgery	V45.81	V45.81, 36.1
Previous PCI	V45.82	V45.82, 36.0, 00.66
Cerebrovascular revascularization		00.61, 00.62, 38.01, 38.02, 38.11, 38.12, 38.31, 38.32
Other surgery of the heart		35, 37.0, 37.1, 37.3, 37.4, 37.5, 37.6, 37.9
Other surgery of great vessels		38–39.5 (except 38.01, 38.02, 38.5, 38.11, 38.12, 38.31, 38.32)
Previous HF		398.91, 428

Abbreviations: HF, heart failure; COPD, chronic obstructive pulmonary disease; PCI, percutaneous coronary intervention.

Table 2 ATC codes for identification of medication use before HF

Medication	ATC codes
Antidiabetic drugs	A10
Drugs for cardiac therapy	C01
Drugs for obstructive airway diseases	R03
Diuretics	C03

β-blockers	C07
ACEIs/ARBs	C09
Calcium channel blockers and other antihypertensives	C08, C02
Statins	C10AA
Antiplatelet drugs	B01AC
Vitamin K antagonists	B01AA03, B01AA07, B01AE

Abbreviations: ACEIs/ARBs, angiotensin-converting enzyme inhibitors/angiotensin receptor blockers.