

Supplemental Table 1: Codes used to identify comorbidities and outcomes

	Source	Codes
Hypertension	NIS	Elixhauser comorbidity
Diabetes	NIS	Elixhauser comorbidity
Congestive heart failure	NIS	Elixhauser comorbidity
Coronary artery disease	CCS	CCS 101
Dyslipidemia	CCS	CCS 53
Smoking	ICD-9-CM	V15.82, 305.1
Renal failure	NIS	Elixhauser comorbidity
Chronic pulmonary disease	NIS	Elixhauser comorbidity
Peripheral vascular disease	NIS	Elixhauser comorbidity
Atrial fibrillation or atrial flutter	ICD-9-CM	427.31, 427.32
Obesity	NIS	Elixhauser comorbidity
Anemia	NIS	Elixhauser comorbidity
Peptic ulcer disease	NIS	Elixhauser comorbidity
Coagulopathy	NIS	Elixhauser comorbidity
Prior PCI	ICD-9-CM	V45.82
Prior CABG	ICD-9-CM	V45.81
Stroke/TIA	ICD-9-CM	V12.54
Clinical presentations		
Cardiac arrest	CCS	107
All shock	CCS	249
Cardiogenic shock	ICD-9-CM	785.51
In-hospital procedures		
Thrombolysis	ICD-9-CM	99.10

	Source	Codes
PCI with stent placement	ICD-9-CM	36.06 and 36.07
PCI without stent placement	CCS	00.66, 36.01, 36.02, 36.05, and 17.55
CABG	CCS	44
Intra-aortic balloon pumping	ICD-9-CM	37.61
Outcomes		
Blood transfusion	CCS	222
Intracranial hemorrhage	ICD-9-CM	430, 431, 432.0, 432.1, and 432.9
Hemorrhage, unspecified	ICD-9-CM	459.0
Non-traumatic hematoma of soft tissue	ICD-9-CM	729.92
Hemorrhage or hematoma or seroma complicating a procedure	ICD-9-CM	998.1x
Acute post-hemorrhagic anemia	ICD-9-CM	285.1
Hemorrhage of gastrointestinal tract, unspecified	CCS	153
Hematuria, unspecified	ICD-9-CM	599.70

CABG: coronary artery bypass grafting, CCS: Clinical Classifications Software, ICD-9-CM: International Classification of Diseases 9th Edition, NIS: national inpatient sample, PCI: percutaneous coronary intervention, TIA: transient ischemic attack