

Supplementary Table:

ICD – 9 Codes for Non Charlson Covariates

STEMI	410.01, 410.11, 410.21, 410.31, 410.41, 410.51, 410.61, 410.81, 410.91
PCI	96.06, 96.07 , 0.66
Delirium	290.3, 290.41, 293.0, 293.1, 348.31, 780.97
CABG	36.1*
Coma/Persistent Vegetative state	780.01,780.03
TBI	850.0*, 851.0*,852.0*,853.0*,854.0*
Acute Cerebrovascular accident (ischemic/ hemorrhagic stroke)	430,431,432*,433*,434*
Acute Respiratory Failure/ Mechanical Ventilation	518.51, 518.53, 518.81, 518.84, 96.04, 96.7*
Cardiogenic Shock	785.51
Non Cardiogenic Shock	785.50,785.52,785.59
AKI	584*
Sepsis	995.91, 995.92
Atrial Fibrillation	427.31
Ventricular tachycardia	427.1
Ventricular fibrillation	427.41
Post procedure bleeding	998.11
Smoking	V15.82, 305.1
Hyperlipidemia	CCS 53
Hypertension	401.1, 401.9, 401.0, 402.00- 405.99, 437.2
Electrolyte/ Acid-Base disorder	276.0-276.9