

Supplementary Table 1. ICD-10-CM diagnosis and procedure codes

Variable	ICD-10 Codes
STEMI	I2101, I2102, I2109, I2111, I2119, I2121, I2129, I213, I220, I221, I222, I228, I229
NSTEMI	I214, I222
Acute myocardial infarction	I210, I211, I212, I213, I214, I215, I216, I217, I218, I219, I220, I221, I222, I223, I224, I225, I226, I227, I228, I229, I230, I231, I232, I233, I234, I235, I236, I237, I238, I239
Unstable angina and stable ischemic heart disease	I200, I240, I241, I242, I243, I244, I245, I246, I247, I248, I249, I208, I209, I250, I251, I258, I259
Tobacco	F17, T652, Z508, Z716, Z720, P042
Cardiac arrest	I46, I462, I468, I469
Cardiac shock	R570
Atrial fibrillation	I4891, I4821, I480, I4811, I4819
Prior MI	I252
Prior PCI	Z955
Prior CABG	Z951
Hyperlipidemia	E780, E781, E782, E783, E784, E785
Stroke	I60, I61, I62, I63, I64, I65, I66, I67, I68, I69
Acute kidney injury	N17
Heart failure	I50
PCI	0270346, 027034Z, 02703D6, 02703DZ, 02703Z6, 02703ZZ, 0270446, 027044Z, 02704D6, 02704DZ
CABG	02130KW, 02130Z3, 02130Z8, 02130Z9, 02130ZC, 02130ZF, 02130K8, 02130K9, 02130KC, 02130KF, 02130A9, 02130AC, 02130AF, 02130AW 02130J3, 02130J8 02130J9, 02130JC, 02130JF, 02130JW, 02130K3, 02120Z8, 02120Z9, 02120ZC, 02120ZF, 0213093, 0213098, 0213099, 021309C, 021309F, 021309W, 02130A3, 02130A8, 02120AW, 02120J3, 02120J8, 02120J9, 02120JC, 02120JF, 02120JW, 02120K3, 02120K8, 02120K9, 02120KC, 02120KF, 02120KW, 02120Z3, 02110Z9, 02110ZC, 02110ZF, 0212093, 0212098, 0212099, 021209C, 021209F, 021209W, 02120A3, 02120A8, 02120A9, 02120AC, 02120AF, 02110J3, 02110J8, 02110J9, 02110JC, 02110JF, 02110JW, 02110K3, 02110K8, 02110K9, 02110KC, 02110KF, 02110KW, 02110Z3, 02110Z8, 02100ZC, 02100ZF, 0211093, 0211098, 0211099, 021109C, 021109F, 021109W, 02110A3, 02110A8, 02110A9, 02110AC, 02110AF, 02110AW, 02100J3, 02100K9, 02100KC, 02100KF, 02100KW, 02100Z3, 02100Z8, 02100Z9, 0210093, 0210099, 021009C, 021009F, 021009W, 02100A3, 02100A8, 02100A9, 02100AC, 02100AF, 02100AW
Mechanical ventilation	5A1945Z, 5A1955Z, 0BH17EZ, 0BH18EZ
COVID-19	U071

Supplementary Figure 1. Flowchart diagram of inclusion and exclusion criteria used for the study.

