

**Supplementary Table 4: Baseline comorbidities**

Hospital/Physician Claims	ICD-9 Codes	ICD-10 Codes
Alcohol use	291, 303, 305.0, 357.5, 425.5, 535.3, 571.0-571.3, 780.0, 977.3, V11.3	F10, K70, X45, X65, Y15, Y90-Y91
Amputation of lower extremity	84.1	1VC.91, 1VC.93, 1VG.93, 1VQ93, 1WA.93, 1WE.93, 1WJ.93, 1WL.93
Asthma	493	J45
Cancer	140-172, 174-209.3, 209.7	C00 – C99
Cardiovascular disease	402.01, 402.11, 402.91, 410, 411, 413, 414.0, 420-434, 436, 440, 441, 444, V12.5 00.61, 00.63, 00.66, 17.55, 36.06, 36.07, 36.1, 38.11, 38.12, 39.28	G45, I20.0, I20.1, I20.8, I20.9, I21-I23, I25.1, I25.2, I50-I51, I60-I64, I70-I79, Z95 I1J.50, I1J.57, I1J.76, I1E.50, I1E.51, I1E.57, I1E.76
CKD	585, 586	N18-N19
COPD	491, 492, 496	J41-J44
Dementia	290.0, 290.1, 290.2, 290.3, 290.4, 290.8, 290.9, 291.2, 292.82, 294.0, 294.1, 294.2, 294.8, 331.0, 331.1, 331.2, 331.7, 331.8, 331.9, 797	F00-F03, F05.1, G30, G31.1
HIV/AIDS	042, 043, 044, 795.71, V08, 079.53	B20-24, B97.35, R75, Z21
Hyperlipidemia	272.0-272.2, 272.4	E78.0-E78.2, E78.4-E78.5
Hypertension	401, 402.00, 402.1, 402.10, 402.90, 403-405	I10-I13, I15
Liver disease	570-573	K70-K77
Microvascular disease	250.40, 250.43, 250.50, 250.52, 250.60, 250.62, 250.70, 250.72, 337.0, 337.1, 354, 355, 362, 583.81, 681.1, 6826.6, 682.7, 682.9	E11.2-E11.4, E11.7, E13.2-13.4, E13.7, E14.2-E14.4, E14.7, G57, G59.0 G63.2, G99.0, H35.0-HE35.2, H36.0, N08.3
Obesity	278.0, 793.91, V85.3, V85.4, 783.1	E66.01, E66.2, E66.3, E66.9

† CKD – chronic kidney disease; COPD - chronic obstructive pulmonary disease; HIV/AIDS - human immunodeficiency virus infection and acquired immune deficiency syndrome; ICD - international classification of diseases; PVD - peripheral vascular disease