

Supplemental Table 1: ICD-10-CM codes used for the Charlson Comorbidity Index based on the Charlson Comorbidity Index. The Charlson Comorbidity Index is a summation of the index scores for each comorbidity in a patient.

Comorbidity	Index Score	ICD-10-CM
Myocardial Infarction	1	I21.x, I22.x, I25.x,
Congestive Heart Failure	1	I42.x, I43.x, I50.x,
Peripheral Vascular Disease	1	I70.x, I71.x, I73.x, I79.x, K55.x, Z95.x
Cerebrovascular Disease	1	G45.x, G46.x, I60.x-I69.x
Dementia	1	F00.x –F03.x, F05.x, G30.x
Chronic Pulmonary Disease and Pneumonia	1	I27.x, J40.x-J47.x, J60.x- J68.x, J70.x
Rheumatic Disease	1	M05.x, M06.x, M31.x-M36.x
Peptic Ulcer Disease	1	K25.x-K28.x
Mild Liver Disease	1	B18.x, K70.x K71.x, K73.x, K74.x, K76.x, Z94.x
Diabetes	1	E10.x-E14.x
Hemiplegia or paraplegia	2	G80.x-G84.x
Renal Disease	2	N03.x, N05.x, N18.x, N19.x, Z49.x
Malignancy	2	C00.x-C26.x, C30.x-C34.x, C37.x-C41.x, C43.x, C45.x- 58.x, C60.x-C76.x, C81.x- C85.x, C88.x, C90.x-C97.x
Moderate or Severe Liver Disease	2	I85.x, K72.x
Metastatic Solid Tumor	6	C77.x-C80.x
AIDS/HIV	6	B20.x-B22.x, B24.x