

Appendix 1

Title: ICD-9 codes for Charlson Comorbidity Index Conditions

Diagnosis	ICD-9-CM
Acute myocardial infarction	410, 412
Congestive heart failure	428, 398.91, 402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93, 425.4-425.9
Peripheral vascular disease	443.9, 441.x, 785.4, V43.4, Procedure 38.48
Cerebral vascular accident	430.x-438.x
Dementia	290.x
Pulmonary disease	490.x-505.x, 506.4
Connective tissue disorder	710.0, 710.1, 710.4, 714.0, 714.1, 714.2, 714.8, 725.x
Peptic ulcer	531.x-534.x
Liver disease	571.2, 571.4, 571.5, 571.6
Diabetes	250.0, 250.1, 250.2, 250.3, 250.7
Diabetes complications	250.4, 250.5, 250.6
Paraplegia	342.x, 344.1
Renal disease	582.x, 583.0, 583.1, 583.2, 583.3, 583.5, 583.6, 583.7, 583.4, 585, 586, 588
Cancer	14, 15, 16, 18, 170, 171, 172, 174, 175, 176, 179, 190, 191, 192, 193, 194, 1950, 1951, 1952, 1953, 1954, 1955, 1958, 200, 201, 202, 203, 204, 205, 206, 207, 208
Metastatic cancer	196, 197, 198, 1990, 1991
Severe liver disease	572.2, 572.3, 572.4, 572.8
Human immunodeficiency virus	042, 043, 044
