

ICD10 codes to ICD9

ELIXHAUSER COMORBIDITY	ICD10	ICD9
Congestive heart failure	I09.9 I11.0 I13.0 I13.2 I25.5 I42.0 I42.5- I42.9 I43.x I50.x P29.0	398.90 402.01, 402.11, 402.91 404.01, 404.11, 404.91 404.03, 404.13, 404.93 414.8 425.4 425.4, 425.5, 425.9, 425.2, 425.4 425.8 428.x 779.89
Cardiac arrhythmias	I44.1 - I44.3 I45.6 I45.9 I47.x I48.x I49.x R00.0 R00.1 R00.8 T82.1 Z45.0 Z95.0	426.12, 426.13, 426.7, 426.81 426.9 427.x 427.x 427.x 427.x 785.0 427.81, 427.89 785.3 V45.01
Valvular disease	A52.0, I05.x - I08.x, I09.1, I09.8, I34.x - I39.x, Q23.0 - Q23.3, Z95.2 - Z95.4	
Pulmonary circulation disorders	I26.x, I27.x, I28.0, I28.8, I28.9	
Peripheral vascular disorders	I70.x, I71.x, I73.1, I73.8, I73.9, I77.1, I79.0, I79.2, K55.1, K55.8,	

	K55.9, Z95.8, Z95.9	
Hypertension, uncomplicated	I10.x	401.0, 401.1, 401.9
Hypertension, complicated	I11.x - I13.x, I15.x	
Paralysis	G04.1, G11.4, G80.1, G80.2, G81.x, G82.x, G83.0 - G83.4, G83.9	
Other neurological disorders	G10.x - G13.x, G20.x - G22.x, G25.4, G25.5, G31.2, G31.8, G31.9, G32.x, G35.x - G37.x, G40.x, G41.x, G93.1, G93.4, R47.0, R56.x	
Chronic pulmonary disease	J40.x - J47.x, J60.x - J67.x, J68.4, J70.1, J70.3	
Diabetes, uncomplicated	E10.0, E10.1, E10.9, E11.0, E11.9, E12.0, E12.1, E12.9, E13.0, E13.1, E13.9, E14.0, E14.1, E14.9	
Diabetes, complicated	E10.2 - E10.8, E11.2 - E11.8, E12.2 - E12.8, E13.2 - E13.8, E14.2 - E14.8	
Hypothyroidism	E00.x - E03.x, E89.0	
Liver disease	B18.x, I85.x, I86.4, I98.2, K70.x, K71.1 - K71.5, K71.7, K72.x - K74.x, K76.0, K76.2 - K76.9, Z94.4	
Peptic ulcer disease, excluding bleeding	K25.7, K25.9, K26.7, K26.9, K27.7, K27.9, K28.7, K28.9	
AIDS/HIV	B20.x - B22.x, B24.x	
Lymphoma	C81.x - C85.x, C88.x, C96.x, C90.0, C90.2	
Metastatic cancer	C77.x - C80.x	
Solid tumor without metastasis	C00.x - C76.x, C30.x - C34.x, C43.x, C45.x - C58.x, C60.x - C76.x, C97.x	
Rheumatoid arthritis/collagen vascular diseases	L94.0, L94.1, L94.3, M05.x, M06.x, M08.x, M12.0, M12.3, M30.x, M31.0 - M31.3, M32.x - M35.x, M45.x, M46.1, M46.8, M46.9	
Coagulopathy	D65 - D68.x, D69.1, D69.3 - D69.6	
Obesity	E66.x	

Weight loss	E40.x - E46.x, R63.4, R64	
Fluid and electrolyte disorders	E22.2, E86.x, E87.x	
Blood loss anemia	D50.0	
Deficiency anemia	D50.8, D50.9, D51.x - D53.x	
Alcohol abuse	F10, E52, G62.1, I42.6, K29.2, K70.0, K70.3, K70.9, T51.x, Z50.2, Z71.4, Z72.1	
Drug abuse	F11.x - F16.x, F18.x, F19.x, T40.x, T43.6	
Psychoses	F20.x, F22.x - F25.x, F28.x, F29.x, F30.2, F31.2, F31.5	
Depression	F20.4, F31.3 - F31.5, F32.x, F34.1, F41.2, F43.2	
Renal failure	N17.x - N19.x, Z99.2	