

Rules for Completing the Charlson Comorbidity Index (CCI)

(Charlson et al. *J Chron Dis.* 40:373-383, 1987).

Comorbidity	Definiton	points
Myocardial infarct	History of medically documented myocardial infarction	1
Congestive heart failure (CHF)	Symptomatic CHF with response to specific treatment	1
Peripheral vascular disease	Intermittent claudication, periph. arterial bypass for insufficiency, gangrene, acute arterial insufficiency,untreated aneurysm (>=6cm)	1
Cerebrovascular disease (except hemiplegia)	History of TIA, or erebral vascular insult (CVA) with no or minor sequelae	1
Dementia	chronic cognitive deficit	1
Chronic pulmonary disease	symptomatic dyspnea due to chronic respiratory conditions (including asthma)	1
Connective tissue disease	Lupus, polymyositis, mixed connective tissue disease, polymyalgia rheumatica, moderate to severe rheumatoide athritis	1
Ulcer disease	Patients who have required treatment for peptic ulcer disease	1
Mild liver disease	Cirrhosis without portal hypertension, chronic hepatitis	1
Diabetes (without complications)	Diabetes with medication	1
Diabetes with end organ damage	Retinopathy, neuropathy, nephropathy	2
Hemiplegia (or paraplegia)	Hemiplegia or paraplegia	2
Moderate or severe renal disease	Creatinine >3mg% (265 umol/l), dialysis, transplantation, uremic syndrome	2
2nd Solid tumor (non metastatic)	Initially treated in the last 5 years exclude non-melanomatous skin cancers and in situ cervical carcinoma.	2
Leukemia	CML, CLL, AML, ALL, PV, Lymphoma, MM, NHL, Hodgkin's, Waldenström, multiple myeloma	2
Moderate or severe liver disease	cirrhosis with portal hypertension +/- variceal bleeding	3
2nd Metastatic solid tumor	self-explaining	6
AIDS	AIDS and AIDS-related complex	6
	TOTAL	