

Charlson comorbidity index coding algorithm and Priscus consensus list

Look-back window: 5 years (2009-2013)

Data base: Health insurance data from AOK Nordost (statutory health insurance company)

Diagnostic category	ICD-10-2013, German Version	assigned weight
Cerebrovascular disease	G45.x, G46.x, H34.0, H34.1, I60.x-I69.x	1
Congestive heart failure	I09.9, I11.0, I13.0, I13.2, I25.5, I42.0, I42.5-I42.9, I43.x	1
Chronic pulmonary disease	I27.8, I27.9, J41.0 -J47.x, J60.x-J67.x, J68.4, J70.1, J70.3	1
Dementia	F00.x-F03.x, F05.1, F06.5, F06.6, F06.8, F06.9, F09, G30.x-G31.1, R54	1
Diabetes without organ damage	E10.0, E10.1, E10.6, E10.8, E10.9, E11.0, E 11.1, E11.6, E11.8, E11.9, E12.0, E12.1, E12.6, E12.8, E12.9, E13.0, E13.1, E13.6, E13.8, E13.9, E14.0, E14.1, E14.6, E14.8, E14.9	1
Mild liver disease	B18.x, K70.0-K70.3, K71.3-K71.5, K71.7, K73.x, K74.x, K76.0, K76.2-K76.4, K76.8, K76.9, Z94.4	1
Former myocardial infarction	I21.x, I22.x, I25.2	1
Peripheral vascular disease	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	1
Peptic ulcer disease	K25.x-K28.x	1
Rheumatic disease/arthritis	M05.x, M06.x, M10.x, M11.x-M14.x, M15.x-M19.x, M20.x-M24.x, M31.5, M32.x-M34.x, M35.1, M35.3, M36	1
Diabetes with organ damage	E10.2-E10.7, E11.2-E11.8, E12.2-E12.7, E13.2-E13.7,	2
Hemiplegia or paraplegia	G04.1, G11.4, G80.1, G80.2, G81.x, G82.x, G83.0-G83.4, G83.9	2
Any malignancy including lymphoma or leukemia, except malignant neoplasm of skin	C00.x-C26.x, C30.x-C34.x, C37.x-C41.x, C43.x, C45.x-C58.x, C60.x-C76.x, C80.0, C80.9, C81.x-C86.6, C88.x, C90.x-C97.x	2
AIDS	B20.x- B23.x, B24.x	6
Metastatic solid tumor	C77.x-C79.x	6
Moderate or severe liver disease	I85, I85.0, I85.9, K70.4, K71.1, K72.1, K72.9, K76.5, K76.6, K76.7	3
renal disease	I12.0, I13.1, N03.2- N03.7, N05.2-N05.7, N18.x, Z49.0-Z49.2, Z94.0, Z99.2	2

Priscus List of PIM	ATC -Code	
N05: Psychleptics /N04A: Antipsychotics	N05AA02, N05AB02, N05AB03, N05AC02, N05AD01, N05AH02, N05AH03	
N05B: Anxiolytics / N05BA, N05CD: Benzodiazepines (long acting)	N05BA01, N05BA02, N05BA03, N05BA05, N05BA08, N05BA09, N05BA11, N05CD01, N05CD02, N05CD03	
N05B: Anxiolytics / N05BA, N05CD, N05CF: Benzodiazepines (short acting)	N05BA04, N05BA06, N05BA07, N05BB01, N05CD05, N05CD06, N05CD07, N05CD09, N05CF01, N05CF02, N05CF03	
N05: Psychleptics / N05C : Sedatives	N05CC01, N05CM20, N05CM21	
N06: Psychoanaleptics / N06A: Antidepressants	N06AA02, N06AA04, N06AA06, N06AA09, N06AA12, N06AA21, N06AB03, N06AF04	
N02:Analgesic drugs /M01: anti- inflammatory and antirheumatic deugs Antiphlogistics / M02:topical products for joint and muscular pain	M02AA23, M02AA01, M01AB11, M01AE53, M01AC01, M01AC06, M01AH05, N02AB02	
R06A: Antihistamines for systemic use	R06AX07, R06AB03, R06AB04, R06AA04,	
C01:cardiac therapy/ C01A: Cardiac glykosides/C01B: antiarrhythmic drugs/C07: Beta blocking drugs	C01AA02, C01AA05, C01AA08, C01AA55, C01AA58, C01BA01, C01BC04, C07AA07	
C02: Antihypertensive drugs/C08: Calcium channel blockers	C02CA04, C02LE01, C02CA08, C02AC01, C02LA01, C02AB01, C02AB02, C08CA05	
Dementia drugs /C04: peripheral vasodilators, N06B: Psychostimulants	C04AD03, C04AE02, C04AX21, N06BX03	
Preventive drugs		
Biphosphonates	M05BA01, M05BA02, M05BA03 M05BA04, M05BA05, M05BA06, M05BA07, M05BA08, M05BB01, M05BB02, M05BB03, M05BB04, M05BB05, M05BB06	
Statins	C10AA01, C10AA02, C10AA03, C10AA04, C10AA05, C10AA06, C10AA07, C10AA08	