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TABLE E-1 ICD-10 and OPCS-4 Codes Used in the Analysis*

and OPCS-4 Codes Used in the Analysis"
Codes
W37.1, W38.1, W39.1, W93.1, W58.1, W94.1, W95.1
W40.1, W41.1, W42.1
W80.1-3, W80.8-9, W85.2, W87
W39.4 in combination with Y221
W42.4 in combination with Y221
Above reoperation codes
Y221, W90.1
T810, T814, T846-7
T857-8 in combination with Y831
I61, I62
G35, G45.1, .8-9, G55, K250, K252, K260, K262, K270, K272,
K290, K920, K921, K922
I26
I80.1-3, I80.8-9

^{*}ICD-10 = International Statistical Classification of Diseases and Related Health Problems (10th revision), and OPCS-4 = Office of Population Censuses and Surveys Classification of Surgical Operations and Procedures (4th revision).

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TABLE E-2 Charlson Comorbidity Index*

Condition	ICD-10 Diagnosis Codes	Score
Acute myocardial infarction	I21, I22, I252	1
Congestive cardiac failure	I43, I50, I099, I110, I130, I132, I255, I420, I425, I426,	1
_	I427, I428, I429, P290	
Peripheral vascular disease	I70, I71, I731, I738, I739, I771, I790, I792, K551, K558,	1
-	K559, Z958, Z959	
Cerebral vascular disease	G45, G46, I60, I61, I62, I63, I64, I65, I66, I67, I68, I69,	1
	H340	
Dementia	F00, F01, F02, F03, G30, F051, G311	1
Pulmonary disease	J40, J41, J42, J43, J44, J45, J46, J47, J60, J61, J62, J63, J64,	1
	J65, J66, J67, I278, I279, J684, J701, J703	
Connective tissue disease	M05, M32, M33, M34, M06, M315, M351, M353, M360	1
Peptic ulcer disease	K25, K26, K27, K28	1
Liver disease	B18, K73, K74, K700, K701, K702, K703, K709, K717,	1
	K713, K714, K715, K760, K762, K763, K764, K768, K769,	
	Z944	
Diabetes without complications	E100, E101, E106, E108, E109, E110, E111, E116, E118,	1
_	E119, E120, E121, E126, E128, E129, E130, E131, E136,	
	E138, E139, E140, E141, E146, E148, E149	
Diabetes with complications	E102, E103, E104, E105, E107, E112, E113, E114, E115,	2
	E117, E122, E123, E124, E125, E127, E132, E133, E134,	
	E135, E137, E142, E143, E144, E145, E147	
Hemiplegia and paraplegia	G81, G82, G041, G114, G801, G802, G830, G831, G832,	2
	G833, G834, G839	
Renal disease	N18, N19, N052, N053, N054, N055, N056, N057, N250,	2
	I120, I131, N032, N033, N034, N035, N036, N037, Z490,	
	Z491, Z492, Z940, Z992	
Cancer	C0, C1, C2, C3, C40, C41, C43, C45, C46, C47, C48, C49,	2
	C5, C6, C70, C71, C72, C73, C74, C75, C76, C81, C82,	
	C83, C84, C85, C883, C887, C889, C900, C901, C91, C92,	
	C93, C940, C941, C942, C943, C945, C947, C95, C96	
Metastatic disease	C77, C78, C79, C80	3
Severe liver disease	K704, K711, K721, K729, K765, K766, K767, I850, I859,	3
	1864, 1982	
Human immunodeficiency virus	B20, B21, B22, B23, B24	6

^{*}ICD-10 = International Statistical Classification of Diseases and Related Health Problems (10th revision). Each condition is assigned a score of 1, 2, 3, or 6 depending on the risk of dying associated with this condition. The combined total score is used to predict patient-specific overall mortality.