

- 1 **Appendix 1.** Underlying medical conditions according to International Classification of
- 2 Diseases, 10th Edition, Clinical Modification (ICD-10-CM) coding system.

Chronic underlying conditions	ICD-10-CM	Chronic underlying conditions	ICD-10-CM
Cardiovascular conditions	A52.01 G46 I00-I09 I20 I21-I23 I24.0,1,8,9 I25 I27-28 I34-37 I42.1-9 I43-6 I48 I49 I50 I51-2 O90.3 Q20-28	Endocrine disorders	E10 E11-14 E15 E16.0-3 E16.8-9 E20-32 E35 E70-79 E83-5,7,8 E89.1 E32.0,1,8,9 E24.0,2,3,8,9 E25.0,8,9 E26.01,102,09,9,81 E34.0
Lung diseases	A15.0 C30.0 C31-2 C33-4 C38.1-4 C39 C45.0,7 D14.0-4 D19.0 I26 J33 J34.1-3,8 J38-9 J43-4 J45-6 J47 J60-70 J80-2,4	Renal diseases	I12.0,9 M10.30 N00.3,8-9 N01.3 N02.2 N03.2-3,5,8 N04.0,3-4 N05 N07-8 N10-11 N13.30,721,729 N14 N15.0,8 N16 N17-19 N25 N27 N28.9

	J90-1 J92-3,6,8,9 J94 M40-1 M43.8-9 Q30-34 Q65-79 R09.1 Z90.2		Q60-4
Immunocompromised conditions	D80.0-4,8,9 K71-77, excl. K74 E06.3-5,9 E07 E90 M11 M83 Z94.0-2,5-7 Z95.3 B20-24 R75 Z21	Dementia, stroke	F01-06 F10 F19 G30.9 G31.01,1,09 G91.0-1 G35, G36.0 G37.0-3,5,8,9; G93.0-2,4,5,41,49 I60-64 I67.83 I69
Rheumatologic diseases	M05.00,10 M06.4,9 M08.00,40 M15.0-2,9 M12,00 M30-31 M32-35	Nutritional deficiency	E40,41,43-6 E50,51
Cirrhosis	K74	Obesity	E65-68
Cancer	C00-96 C7A, B	Anaemia	D50-75 S36.0 Q89.01,09

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