

**SUPPLEMENTAL APPENDIX 1**

Comorbidity	ICD-10 <sup>†</sup> codes
Immunodeficiency	D80-D84, D89
Stroke	I60-I64, G45, G46
Asthma	J45
Atrial fibrillation	I48
Depression	F32-F34
Diabetes Mellitus	E10-E14
Heart failure	I11.0, I13.0, I13.2, I42, I50, J81
Immunodeficiency	D80-D84, D89
Ischaemic heart disease	I21-I24
Kidney failure	E10.2, E11.2, E12.2, E13.2, E14.2, I12.0, I13.1, I13.2, N02-N08, N11, N14, N15.8-N16.5, N16.8, N18, N19, N26, Z99.2
Malignancy	C00-C97, except DC44
Peripheral vascular disease	I70.0, I70.2, I70.9, I73.9 I17.0-I17.4, I17.7, I79

<sup>†</sup>International classification of Diseases 10<sup>th</sup> revision used for the definition of comorbidities.