

Supplementary Table: Definition of co-morbid illness in the cohort

Co-morbid condition	ICD-9 codes included
Cardiac co-morbidity	V42.4, V43.3, V45.0, V53.3, 093.2, 394, 395, 396, 397, 397.1 398.91, 401, 401.x, 402.x, 403, 403.x, 404, 404.x, 405, 405.x, 410, 410.x, 412, 412.x, 413, 413.x, 414, 414.x, 415, 416, 416.x, 424, 425.4, 425.5, 425.7, 425.8, 425.9, 426.10, 426.11, 426.13, 426.2, 426.3, 426.4, 426.5, 426.6, 426.8, 427.0, 427.2, 427.31, 427.60, 427.9, 428, 428.x, 429, 785.0, 996.01, 996.04
Psychiatric co-morbidity	295, 296, 297, 298, 299.1, 300.4, 301.12, 309, 311, 311.x
Renal failure	403.11, 403.91, 404.12, 404.92, 585, 586, 588, V56
Diabetes	250.1, 250.2, 250.3, 648.0
Substance use	V11.3, V65.42, 291.1, 292, 292.2, 291.5, 291.6, 291.7, 291.8, 291.9, 303.0, 303.9, 304, 305, 305.3, 305.4, 305.5, 305.6, 305.7, 305.8, 305.9, 357.5, 425.5, 535.3, 571.0, 571.3, 571.2, 571.3, 648.3, 980
Respiratory co-morbidity	490.xx, 505.xx, 416.8, 416.9, 506.4, 508.1, 508.8
Human Immunodeficiency Syndrome	042, 042.0, 042.1, 042.2, 042.9, 043.0, 043.1, 043.2, 043.3, 043.9, V08, 044.9, 079.53