

Supplemental Table S1: The ICD-9-CM codes for clinical comorbidities

| Comorbidities | ICD-9-CM codes |
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| Disorders of lipid metabolism | ICD-9-CM codes, 272 |
| Alcohol abuse | ICD-9-CM codes, 265.2, 291.1-291.3, 291.5-291.9, 303.0, 303.9, 305.0, 357.5, 425.5, 535.3, 571.0-571.3, 980.x, V11.3 |
| Cerebrovascular diseases | ICD-9-CM codes, 362.34, 430.x-438.x |
| Chronic pulmonary diseases | ICD-9-CM codes, 416.8, 416.9, 490.x-505.x, 506.4, 508.1, 508.8 |
| Peptic ulcer diseases | ICD-9-CM codes, 531.x-534.x |
| Renal diseases | ICD-9-CM codes, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93, 582.x, 583.0-583.7, 585.x, 586.x, V42.0, V45.1, V56.x |
| Liver diseases | ICD-9-CM codes, 070.22, 070.23, 070.32, 070.33, 070.44, 070.54, 070.6, 070.9, 570.x, 571.x, 573.3, 573.4, 573.8, 573.9, V42.7 |
| Depression | ICD-9-CM codes, 296.2, 296.3, 296.5, 300.4, 309.x, 311.x |