

Supplementary Table 2. ICD-9-CM codes used to identify medical comorbidities

| Comorbidity | ICD-9-CM/CPT code(s) |
|-----------------------|--|
| Depression | 296.20–296.25, 296.30–296.35, 300.4, 311 |
| Anxiety | 300.00–300.02, 309.24 |
| COPD | 416.8, 416.9, 490–505, 506.4, 508.1, 508.8 |
| CHF | 398.91, 402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93, 425.4–425.9, 428 |
| Chronic pain | 338.29, 338.4 |
| Hypertension | 401, 402–405, 642, 437.2 |
| Myocardial infarction | 410, 412, 998.0, 9971, 411, 429.7 |
| DM, uncomplicated | 250.0–250.3, 250.7 |
| DM, complicated | 250.4–250.6 |
| Obesity | 278.0, 649.1, 793.91, V853, V854, V8554 |
| Drug abuse | 292.0, 292.8–292.9, 304, 305.2–305.9, 648.3 |
| Alcohol abuse | 265.2, 291.1–291.3, 291.5, 291.8, 303, 305.0 |
| Tobacco use | V15.82, 989.84, 649.0 |
| Osteoporosis | 733, V1781, V8281 |

COPD, chronic obstructive pulmonary disease; CHF, congestive heart failure; DM, diabetes mellitus.