**Supplementary Table. ICD-9-CM diagnostic and procedure codes queried**

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| **Variable** | **Queried ICD-9-CM Codes** |
| Congestive heart failure | 398.91, 428.0-428.9 |
| Chronic obstructive pulmonary disease | 490-492.8, 493.00-493.92, 494-494.1, 495.0-505, 506.4 |
| Malignancy | 200.00 -202.38 , 202.50 -203.01 , 238.6, 273.3, 209.79, 789.51 , 203.02 -203.82 , 196.0 -199.1,  209.70 -209.75 , 140.0 -172.9 , 174.0 -175.9 , 179 -195.8 , 209.00 -209.24 , 209.25 -209.3 ,  209.30 -209.36 , 258.01 -258.03 |
| Human Immunodeficiency Virus infection | 042-044.9 |
| Diabetes mellitus | 250.00 -250.33 , 648.00 -648.04 , 249.00 -249.31 , 250.40 -250.93 , 775.1 , 249.40 -249.91 |
| Cirrhosis | 571.2, 571.5, 571.6 |
| End-stage renal disease | 585.6 |
| Genito-urologic procedures | 55.01 , 55.02 , 55.11 , 55.12 , 55.24 , 55.31 , 55.32 , 55.34 , 55.35 , 55.39 , 55.4 , 55.51, 55.52 , 55.54 , 55.59 , 60.12 , 60.3 , 60.4 , 60.5, 60.61 , 60.69 , 68.51 , 68.59 , 68.71 , 68.79 |