

## Appendix A.

### Diagnostic Coding for the Sample

<i>Diagnostic Coding used for Sample Inclusion Criteria</i>	
M17	OA of knee
M17.0	M17.0 Bilateral primary OA of knee
M17.1	Unilateral primary OA of knee
M17.10	Unilateral primary OA, unspecified knee
M17.11	Unilateral primary OA, right knee
M17.12	Unilateral primary OA, left knee
M17.2	Bilateral post-traumatic OA of knee
M17.3	Unilateral post-traumatic OA of knee
M17.30	Unilateral post-traumatic OA, unspecified knee
M17.31	Unilateral post-traumatic OA, right knee
M17.32	Unilateral post-traumatic OA, left knee
M17.4	Other bilateral secondary OA of knee
M17.5	Other unilateral secondary OA of knee
M17.9	OA of knee, unspecified
715.16	Osteoarthritis, localized, primary, lower leg (ICD 9 if collected prior to October 2015)
<i>Diagnostic Coding used for Sample Exclusion Criteria</i>	
V43.65, Z96.659, Z47.1, Z96.653, Z96.651, Z96.652	knee replacement
<i>Diagnostic Coding used for Sample Comorbidities</i>	
F28, F31.0, F31.30, F31.31, F31.32, F31.4, F31.5, F31.60, F31.61, F31.62, F31.63, F31.64, F31.70, F31.74, F31.75, F31.76, F31.77, F31.78, F31.81, F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.8, F32.9, F33.0, F33.1, F33.2, F33.3, F33.9, F33.40, F33.41, F33.42, F34.8, F43.21, F43.29, F48.8, F91.1 296.20, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.30, 296.31, 296.32, 296.33, 296.34, 296.35, 296.36, 296.45, 296.46, 296.5, 296.50, 296.51, 296.52, 296.53, 296.54, 296.55, 296.56, 296.60, 296.61, 296.62, 296.63, 296.64, 296.65, 296.66, 296.82, 296.99, 298.0, 300.01, 300.02, 300.4, 309.0, 309.1, 309.28, 311	Depression/Anxiety
250.00, E11.9	Diabetes
401.9, I10, I11, I12, I13, I15	Hypertension
429.2, I25.10	Vascular Disease
496, J44.9	COPD