## Supplementary Table S1. ICD-9 and CPT Codes

| Comorbidities   | ICD-9      |
|---|------------|
| Diabetes  | 250.xx     |
| Hyperlipidemia  | 272.xx     |
| Hypertension  | 401.xx     |
| Coronary artery disease/myocardial infarction   | 410–414.xx |
| Congestive heart failure  | 428.xx     |
| Cerebrovascular disease   | 430-438.xx |
| Atrial fibrillation   |            |
| Thyroid disease   | ICD-9      |
| Hyperthyroidism   | 242.xx     |
| Congenital hypothyroidism   | 243.xx     |
| Hypothyroidism  | 244.xx     |
| Thyroiditis   | 245.xx     |
| Surgery/RAI   | CPT        |
| Partial thyroid lobectomy, unilateral; with or without isthmusectomy                                      | 60210      |
| Partial thyroid lobectomy, unilateral; with contralateral subtotal lobectomy, including isthmusectomy     | 60212      |
| Total thyroid lobectomy, unilateral; with or without isthmusectomy  | 60220      |
| Total thyroid lobectomy, unilateral; with contralateral subtotal lobectomy, including isthmusectomy       | 60225      |
| Thyroidectomy, total or complete  | 60240      |
| Thyroidectomy, total or subtotal for malignancy; with limited neck dissection                             | 60252      |
| Thyroidectomy, total or subtotal for malignancy; with radical neck dissection                             | 60254      |
| Thyroidectomy, removal of all remaining thyroid tissue following previous removal of a portion of thyroid | 60260      |
| Thyroidectomy, including substernal thyroid; sternal split or transthoracic approach                      | 60270      |
| Thyroidectomy, including substernal thyroid;  | 60271      |
| cervical approach Thyroid <sup>131</sup> I ablation or hyperthyroid treatment                             | 79005      |