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## Supplementary Online Content

Wang L, Fritschel E, Baser O. Economic and clinical impact of stroke and warfarin use for patients with non-valvular atrial fibrillation. *JHEOR*. 2013;1(1):42-53.

### **Table A1.** Codes used for Study Sample Clinical Variables

This supplementary material has been provided by the authors to give readers additional information about their work.

**Table A1.** Codes used for Study Sample Clinical Variables

	ICD-9-CM Codes	CPT-4/ HCPCS Codes
Atrial Fibrillation	427.31	
Excluded Conditions/ Procedures		
Thyrotoxicosis	242	
PE	415.1x	
Myocardial Infarction	410.x	
Atrial Myxoma	212.7	
Left Ventricular Thrombus	427.4, 427.41	
Active Endocarditis	421.x	
Arterial/Venous Thromboembolism	415.1x, 444.xx, 451.xx, 453.x	
Major Surgical Procedure/ Trauma	852.1, 852.3, 852.5, 853.1	
Planned Cardioversion		75600-75630
Cohort Assignments (post- index)		
Valvular Heart Disease	394.0, 394.2, 396.0, 396.8, V43.3, V42.2	33420-33430, 33460-33468, 33470-33475, or 33496)
Hyperthyroidism	242.xx	
Stroke (ischemic or hemorrhagic)	430.xx- 434.xx, 436.0, 362.31-362.34	
Clinical Variables (baseline)		
Dicumarol		99211
Coumadin Therapy	V58.61	
Acute Coronary Syndromes	411.x, 410.xx, and 36.0x, 36.1x, 36.3x, 36.9x	
End Stage Renal Disease	V42.0, V56.0, V56.8, 39.95, 54.98 and 55.69	90921, 90925, 90935-90947, 99512, 99559, 50360, 50365
Congestive Heart Failure	425.4, 428.x, 429.4	
Peripheral Arterial Disease	443.8x, 443.90, 440.20, 440.21	
Hyperthyroidism	242.x, 245.1	
Obesity	250.xx, 357.2, 362.0x, 366.41	A4230-A4232, A4250, A4253-A4256, A5500-A5511, E0607, E0784, G0108, G0109
Diabetes	250.xx, 357.2, 362.0x, 366.41	A4230-A4232, A4250, A4253-A4256, A5500-A5511, E0607, E0784, G0108, G0109
Hypertension	362.11, 401.xx-405.xx, and 437.2	
Ischemic Stroke	433.XX, 434.XX, 436 , 362.31-362.34	
Hemorrhagic Stroke	430.XX,431.XX and 432.XX	
Transient Ischemic Attack	435.x	
Dyspepsia	536.8	
Other Outcome Variables (Follow-up)		
Major Bleeding	360.43,336.1, 430, 431, 432.0, 432.1, 432.9, 852.0x, 852.2x, 852.4x, and 853.0 (primary or secondary)a	a: Intracranial hemorrhage not counted if accompanied by trauma(ICD-9 852.1, 852.3, 852.5, 853.1)
Non-major Bleeding	455.2, 455.5, 455.8, 456.0, 456.20, 459.0, 530.7, 530.82, 531.00-.01, 531.20-.21,531.40- .41, 531.60-.61, 532.00-.01, 532.20-.21, 532.40-.41, 532.60-.61, 533.00-.01, 533.20-.21, 533.40-.41,533.60-.61, 534.00-.01, 534.20-.21, 534.40-.41, 534.60-.61, 535.01,535.11 535.21, 535.31, 535.41, 535.51, 535.61, 537.83, 562.02, 562.03, 562.12, 562.13, 568.81, 569.3, 569.85, 578.0,578.1, 578.9 , 599.7, 719.1x, 786.3, 423.0, 593.81, 784.7, and 784.8 (primary only)	
	784.7, 532.8, 599.7, 791.2, 531.00-531.31, 531.9, 532.00-532.31, 532.9, 533.00-533.31, 533.9, 534.00-534.31, 534.9, 535.01, 535.4, 578.9, 530.82, 569.3, 786.3, 729.92, 432.1	

**Table A1.** Codes used for Study Sample Clinical Variables—Continued

	ICD-9-CM Codes	CPT-4/ HCPCS Codes
Non-CNS systemic embolism	415.1, 453.2-453.4, 442.84, 747.64, 782.40	
Surgical ablation	473.7	
Catheter ablation	426.9, 427.0, 427.1, 427.2, 427.32, 427.41, 427.81, 427.89, 427.9	93650, 93651, 93652
Cardioversion	99.61	
Intra-cardiac device	996.1	
Percutaneous Coronary Intervention	00.66, 36.06, 36.07	
Coronary artery bypass grafting	36.1x	
Osteopathic fracture	805.2, 805.3, 805.4, 805.5, 805.6, 805.7, 813.4, 813.5, 814.0, 814.1, 820.0- 820.9, 807.0	
Intracranial hemorrhage (ICH)	430, 431, 432.0, 432.1, 432.9, 852.0x, 852.2x, 852.4x, and 853.0	
GI Bleeding	455.2, 455.5, 455.8, 456.0, 456.20, 459.0, 530.7, 530.82, 531.00-.01, 531.20-.21, 531.40-.41, 531.60-.61, 532.00-.01, 532.20-.21, 532.40-.41, 532.60-.61, 533.00-.01, 533.20-.21, 533.40-.41, 533.60-.61, 534.00-.01, 534.20-.21, 534.40-.41, 534.60-.61, 535.01, 535.11, 535.21, 535.31, 535.41, 535.51, 535.61, 537.83, 562.02, 562.03, 562.12, 562.13, 568.81, 569.3, 569.85, 578.0, 578.1, 578.9 (primary only)	