

Supplemental Table 1. International Classifications of Diseases (ICD), Ninth and Tenth Revisions (ICD-9 and ICD-10) codes used within this study

Diagnosis	ICD-9 codes	ICD-10 codes
Central Retinal Vein Occlusion	362.35	H34.81x
Branch/Unspecified Retinal Vein Occlusion	362.36, 362.37	H34.83x, H34.9x
Primary Thrombophilia Diagnosis Codes		
Primary thrombophilia	289.81	D68.5
Activated protein C resistance		D68.51
Prothrombin gene mutation		D68.52
Other thrombophilia		D68.6
Antiphospholipid antibody syndrome		D68.61
Lupus anticoagulant syndrome		D68.62
Homocysteinemia	270.4x	E72.1x
Other specified coagulation defects		D68.8
Coagulation defect, unspecified		D68.9
Anticardiolipin antibodies		
Antithrombin III deficiency		
Factor V Leiden		
Protein S		
Protein C		
Secondary Thrombophilia Diagnosis Codes	289.82	
Venous embolus-thrombosis	451.xx	I82.xx
Portal vein thrombosis	452.xx	
Other venous embolism and thrombosis	453.xx	
Pulmonary emboli	415.1x	I26.xx
Chronic pulmonary embolism	416.2x	I27.82
Polycythemia vera	238.4x, 289.0x, 289.6x	D45.xx
Essential thrombocytosis	238.71	D47.3x
Paroxysmal nocturnal hemoglobinuria	283.2x	D59.5x
Hypertension Diagnosis Codes		
Essential hypertension	401.xx	I10.xx
Hypertensive heart disease	402.xx	I11.xx
Hypertensive chronic kidney disease	403.xx	I12.xx
Hypertensive heart and chronic kidney disease	404.xx	I13.xx
Secondary hypertension	405.xx	I15.xx
Hypertensive crisis		I16.xx
Diabetes Mellitus		
Diabetes mellitus due to underlying condition	250.xx	E08.xx
Drug or chemical induced diabetes mellitus		E09.xx
Type 1 diabetes mellitus		E10.xx
Type 2 diabetes mellitus		E11.xx
Other specified diabetes mellitus		E13.xx
Hyperlipidemia	272.xx	E78.0x-E78.5x
Cancer	140.xx-208.xx (excluding 173.xx), 238.6	C00.xx-C96.xx
Pregnancy	V22.xx-V23.xx	Z33.xx-Z34.xx

