

SUPPLEMENTAL MATERIAL

Table S1. ICD-10 Diagnosis Codes for Atrial Fibrillation and CHA₂DS₂-VASc

Predictors.

CHA₂DS₂-VASc Predictors	ICD-10 Code in Allscripts	ICD-10 Code Name
Atrial Fibrillation	I48.0	Paroxysmal atrial fibrillation
	I48.1	Persistent atrial fibrillation
	I48.2	Chronic atrial fibrillation
	I48.91	Unspecified atrial fibrillation
Congestive Heart Failure	I50.1	Left ventricular failure, unspecified
	I50.9	Heart failure, unspecified
Hypertension	I10	Essential (primary) hypertension
	I11.0	Hypertensive Heart Disease With Heart Failure
	I11.9	Hypertensive Heart Disease Without Heart Failure
	I12.0	Hypertensive Chronic Kidney Disease With Stage 5 Chronic Kidney Disease Or End Stage Renal Disease
	I12.9	Hypertensive Chronic Kidney Disease With Stage 1 Through Stage 4 Chronic Kidney Disease, Or Unspecified Chronic Kidney Disease
	I13.0	Hypertensive Heart And Chronic Kidney Disease With Heart Failure And Stage 1 Through Stage 4 Chronic Kidney Disease, Or Unspecified Chronic Kidney Disease
	I13.10	Hypertensive Heart And Chronic Kidney Disease Without Heart Failure, With Stage 1 Through Stage 4 Chronic Kidney Disease, Or Unspecified Chronic Kidney Disease
	I13.11	Hypertensive Heart And Chronic Kidney Disease Without Heart Failure, With Stage 5 Chronic Kidney Disease, Or End Stage Renal Disease
	I13.2	Hypertensive Heart And Chronic Kidney Disease With Heart Failure And With Stage 5 Chronic Kidney Disease, Or End Stage Renal Disease
	I15.0	Renovascular Hypertension
	I15.1	Hypertension Secondary To Other Renal Disorders
I15.2	Hypertension Secondary To Endocrine Disorders	
I15.8	Other Secondary Hypertension	
I15.9	Secondary Hypertension, Unspecified	
Diabetes	E10.10	Type 1 Diabetes Mellitus With Ketoacidosis Without Coma

E10.11	Type 1 Diabetes Mellitus With Ketoacidosis With Coma
E10.21	Type 1 Diabetes Mellitus With Diabetic Nephropathy
E10.22	Type 1 Diabetes Mellitus With Diabetic Chronic Kidney Disease
E10.29	Type 1 Diabetes Mellitus With Other Diabetic Kidney Complication
E10.31x	Type 1 Diabetes Mellitus With Unspecified Diabetic Retinopathy
E10.32x	Type 1 Diabetes Mellitus With Mild Nonproliferative Diabetic Retinopathy
E10.33x	Type 1 Diabetes Mellitus With Moderate Nonproliferative Diabetic Retinopathy
E10.34x	Type 1 Diabetes Mellitus With Severe Nonproliferative Diabetic Retinopathy
E10.35x	Type 1 Diabetes Mellitus With Proliferative Diabetic Retinopathy
E10.36	Type 1 Diabetes Mellitus With Diabetic Cataract
E10.37Xx	Type 1 Diabetes Mellitus With Diabetic Macular Edema, Resolved Following Treatment
E10.39	Type 1 Diabetes Mellitus With Other Diabetic Ophthalmic Complication
E10.40	Type 1 Diabetes Mellitus With Diabetic Neuropathy, Unspecified
E10.41	Type 1 Diabetes Mellitus With Diabetic Mononeuropathy
E10.42	Type 1 Diabetes Mellitus With Diabetic Polyneuropathy
E10.43	Type 1 Diabetes Mellitus With Diabetic Autonomic (Poly)Neuropathy
E10.44	Type 1 Diabetes Mellitus With Diabetic Amyotrophy
E10.49	Type 1 Diabetes Mellitus With Other Diabetic Neurological Complication
E10.51	Type 1 Diabetes Mellitus With Diabetic Peripheral Angiopathy Without Gangrene
E10.52	Type 1 Diabetes Mellitus With Diabetic Peripheral Angiopathy With Gangrene
E10.59	Type 1 Diabetes Mellitus With Other Circulatory Complications
E10.610	Type 1 Diabetes Mellitus With Diabetic Neuropathic Arthropathy
E10.618	Type 1 Diabetes Mellitus With Other Diabetic Arthropathy
E10.620	Type 1 Diabetes Mellitus With Diabetic Dermatitis
E10.621	Type 1 Diabetes Mellitus With Foot Ulcer
E10.622	Type 1 Diabetes Mellitus With Other Skin Ulcer
E10.628	Type 1 Diabetes Mellitus With Other Skin Complications

E10.630	Type 1 Diabetes Mellitus With Periodontal Disease
E10.638	Type 1 Diabetes Mellitus With Other Oral Complications
E10.641	Type 1 Diabetes Mellitus With Hypoglycemia With Coma
E10.649	Type 1 Diabetes Mellitus With Hypoglycemia Without Coma
E10.65	Type 1 Diabetes Mellitus With Hyperglycemia
E10.69	Type 1 Diabetes Mellitus With Other Specified Complication
E10.8	Type 1 Diabetes Mellitus With Unspecified Complications
E10.9	Type 1 Diabetes Mellitus Without Complications
E11.00	Type 2 Diabetes Mellitus With Hyperosmolarity Without Nonketotic Hyperglycemic-Hyperosmolar Coma (Nkhhc)
E11.01	Type 2 Diabetes Mellitus With Hyperosmolarity With Coma
E11.21	Type 2 Diabetes Mellitus With Diabetic Nephropathy
E11.22	Type 2 Diabetes Mellitus With Diabetic Chronic Kidney Disease
E11.29	Type 2 Diabetes Mellitus With Other Diabetic Kidney Complication
E11.31x	Type 2 Diabetes Mellitus With Unspecified Diabetic Retinopathy
E11.32x	Type 2 Diabetes Mellitus With Mild Nonproliferative Diabetic Retinopathy
E11.33x	Type 2 Diabetes Mellitus With Moderate Nonproliferative Diabetic Retinopathy
E11.34x	Type 2 Diabetes Mellitus With Severe Nonproliferative Diabetic Retinopathy
E11.35x	Type 2 Diabetes Mellitus With Proliferative Diabetic Retinopathy
E11.36	Type 2 Diabetes Mellitus With Diabetic Cataract
E11.37Xx	Type 2 Diabetes Mellitus With Diabetic Macular Edema, Resolved Following Treatment
E11.39	Type 2 Diabetes Mellitus With Other Diabetic Ophthalmic Complication
E11.40	Type 2 Diabetes Mellitus With Diabetic Neuropathy, Unspecified
E11.41	Type 2 Diabetes Mellitus With Diabetic Mononeuropathy
E11.42	Type 2 Diabetes Mellitus With Diabetic Polyneuropathy
E11.43	Type 2 Diabetes Mellitus With Diabetic Autonomic (Poly)Neuropathy
E11.44	Type 2 Diabetes Mellitus With Diabetic Amyotrophy
E11.49	Type 2 Diabetes Mellitus With Other Diabetic

		Neurological Complication
	E11.51	Type 2 Diabetes Mellitus With Diabetic Peripheral Angiopathy Without Gangrene
	E11.52	Type 2 Diabetes Mellitus With Diabetic Peripheral Angiopathy With Gangrene
	E11.59	Type 2 Diabetes Mellitus With Other Circulatory Complications
	E11.610	Type 2 Diabetes Mellitus With Diabetic Neuropathic Arthropathy
	E11.618	Type 2 Diabetes Mellitus With Other Diabetic Arthropathy
	E11.620	Type 2 Diabetes Mellitus With Diabetic Dermatitis
	E11.621	Type 2 Diabetes Mellitus With Foot Ulcer
	E11.622	Type 2 Diabetes Mellitus With Other Skin Ulcer
	E11.628	Type 2 Diabetes Mellitus With Other Skin Complications
	E11.630	Type 2 Diabetes Mellitus With Periodontal Disease
	E11.638	Type 2 Diabetes Mellitus With Other Oral Complications
	E11.641	Type 2 Diabetes Mellitus With Hypoglycemia With Coma
	E11.649	Type 2 Diabetes Mellitus With Hypoglycemia Without Coma
	E11.65	Type 2 Diabetes Mellitus With Hyperglycemia
	E11.69	Type 2 Diabetes Mellitus With Other Specified Complication
	E11.8	Type 2 Diabetes Mellitus With Unspecified Complications
	E11.9	Type 2 Diabetes Mellitus Without Complications
	E13.x	Other Specified Diabetes Mellitus
Stroke/TIA/ Thromboembolism	G45.9	Transient cerebral ischemic attack, unspecified.
	I63.0x, I63.3x	Cerebral Infarction Due To Thrombosis
	I63.1x, I63.4x	Cerebral Infarction Due To Embolism
	I63.2x, I63.5x	Cerebral Infarction Due To Unspecified Occlusion Or Stenosis
	I63.6	Cerebral Infarction Due To Cerebral Venous Thrombosis, Nonpyogenic
	I63.8	Other Cerebral Infarction
	I63.9	Cerebral Infarction, Unspecified
	I74.01	Saddle Embolus Of Abdominal Aorta
	I74.09	Other Arterial Embolism And Thrombosis Of Abdominal Aorta
	I74.x (x = 1 to 9)	Embolism And Thrombosis
Vascular Disease	I21.x (x = 0 to 3)	St Elevation (STEMI) Myocardial Infarction

I21.4	Non-St Elevation (NSTEMI) Myocardial Infarction
I22.0, I22.1, I22.8, I22.9	Subsequent St Elevation (STEMI) Myocardial Infarction
I22.2	Subsequent Non-St Elevation (NSTEMI) Myocardial Infarction
I25.2	Old Myocardial Infarction
I25.10, I25.11x	Atherosclerotic Heart Disease Of Native Coronary Artery
I70.20x	Unspecified Atherosclerosis Of Native Arteries Of Extremities
I70.21x	Atherosclerosis Of Native Arteries Of Extremities With Intermittent Claudication
I70.22x	Atherosclerosis Of Native Arteries Of Extremities With Rest Pain
I70.23x	Atherosclerosis Of Native Arteries Of Right Leg With Ulceration
I70.24x	Atherosclerosis Of Native Arteries Of Left Leg With Ulceration
I70.25	Atherosclerosis Of Native Arteries Of Other Extremities With Ulceration
I70.0	Atherosclerosis Of Aorta