Supplemental Table: ICD-9* Diagnosis Codes

Diagnosis	**ICD-9 codes**
Comorbidities	
Anxiety	ICD-9-D-30002
Asthma	ICD-9-D-49300, ICD-9-D-49399
Coronary Artery Disease	ICD-9-D-4110 to ICD-9-D-4149
Chronic Kidney Disease	ICD-9-D-585, ICD-9-D-5851, ICD-9-D-5852, ICD-9-D-5853, ICD-9-D-5854, ICD-9-D-5855, ICD-9-D-5856, ICD-9-D-5859, ICD-9-D-7925
Chronic Obstructive Pulmonary Disease	ICD-9-D-490 to ICD-9-D-49699
Congestive Heart Failure	ICD-9-D-39891, ICD-9-D-4280, ICD-9-D-4281, ICD-9-D-42820 to ICD-9-D-42823, ICD-9-D-42830 to ICD-9-D-42833, ICD-9-D-42840, ICD-9-D-42841 to ICD-9-D-42843, ICD-9-D-4289
Depression	ICD-9-D-29620 to ICD-9-D-29636, ICD-9-D-311
Diabetes Mellitus	ICD-9-D-24900 to ICD-9-D-25099, ICD-9-D-7902, ICD-9-D-79021, ICD-9-D-79022, ICD-9-D-79029, ICD-9-D-7915, ICD-9-D-7916
Hypertension	ICD-9-D-4010 to ICD-9-D-4059
Hypothyroidism	ICD-9-D-243, ICD-9-D-2440 to ICD-9-D-2443, ICD-9-D-2448, ICD-9-D-2449
Malaise or Fatigue	ICD-9-D-78079

Obesity	ICD-9-D-2780, ICD-9-D-27800 to ICD-9-D-27803
Osteoarthritis	ICD-9-D-71500 to ICD-9-D-71599
Peripheral Vascular Disease	ICD-9-D-4439
Rheumatoid Arthritis	ICD-9-D-7140, ICD-9-D-7142
Tobacco use	ICD-9-D-V1582, ICD-9-D-3051
CREST Syndrome	
Calcinosis	ICD-9-D-72810, ICD-9-D-72819
Raynaud's Phenomenon	ICD-9-D-4430
Esophageal Dysfunction	ICD-9-D-53081
Systemic Sclerosis/Scleroderma	ICD-9-D-7101, ICD-9-D-7010
Telangiectasia	ICD-9-D-4480
Systemic Lupus Erythematosus	ICD-9-D-6954, ICD-9-D-7100
Long Term Medications	
Aspirin Use	ICD-9-D-V5866
Anticoagulants	ICD-9-D-V5861
Corticosteroids	ICD-9-D-V5865
Nonsteroidal Anti-inflammatories	ICD-9-D-V5864
Open Wound Upper Extremity	ICD-9-D-88000, ICD-9-D-88003, ICD-9-D-88009, ICD-9-D-88010, ICD-9-D-88012, ICD-9-D-88013, ICD-9-D-88019, ICD-9-D-88020, ICD-9-D-88022, ICD-9-D-88023, ICD-9-D-88029,

	ICD-9-D-88100, ICD-9-D-88101, ICD-9-D-88102, ICD-9-D-88110, ICD-9-D-88111, ICD-9-D-88112, ICD-9-D-88120 to ICD-9-D-88122, ICD-9-D-8820 to ICD-9-D-8822, ICD-9-D-8830, ICD-9-D-8831, ICD-9-D-8832, ICD-9-D-8840 to ICD-9-D-8842
Gangrene of Upper Extremity	ICD-9-D-44024, ICD-9-D-7854
Amputation	ICD-9-D-V4960, ICD-9-D-V4962, ICD-9-D-V4961, ICD-9-D-V4963 to ICD-9-DV4967

**ICD-9: International Classification of Diseases, Ninth Revision*