

Supplementary Table 1. ICD9-CM codes for complications used in this study

Chronic complications of diabetes	ICD-9-CM codes
Neurological symptoms	
Myasthetic syndromes in disease classified elsewhere (amyotrophy)	358.1
Others specified idiopathic peripheral neuropathy	356.8
Mononeuritis of upper and lower limbs	354,355
Arthropathy associated w/neurological disorders (Charcot's arthropathy)	713.5
Peripheral autonomic neuropathy	337.1
Polyneuropathy in diabetes	357.2
Neuralgia, neuritis, and radiculitis, unspecified	729.2
Diabetes with neurological complications	250.6
Occlusion of cerebral arteries	434
Hemorrhagic stroke	430-432
Late effects of cerebrovascular disease	438
Occlusion of stenosis of pre-cerebral arteries	433
Other and ill-defined cerebrovascular disease	437
Acute, but ill-defined, cerebrovascular disease	436
Transient ischemic attack	435
Peripheral vascular disease	
Atherosclerosis	440
Embolism and thrombosis, structure of artery	444,447.1
Other peripheral vascular disease	443
Other disorders of circulatory system	459
Phlebitis and thrombophlebitis, portal vein thrombosis, and thrombolism and venous thrombolism	451,452
Other venous embolism and thrombolism	453
Varicose veins of lower extremities	454
Gangrene and amputations	785.4,885-887,895-897
Chronic ulcer of skin	707
Cardiovascular disease	
Aortic and other aneurysms	441,442
Hypotension	458
Angina	413
Conduction disorders and cardiac dysrhythmias	426-427
Atherosclerotic cardiovascular disease	429.2
Cardiomegaly	429.3
Cardiomyopathy	425
Other acute and subacute forms of ischemic heart disease	411
Heart failure	428
Diabetes w/peripheral circulatory disorders	250.7
Myocardial degeneration	429.1
Myocardial infarction	410,412
Other chronic ischemic heart disease	414
Hypertension	401-405
Renal complications	
Infections of kidney	590
Other disorders of bladder	596
Cystitis	595
Renal sclerosis, unspecified	587
Glomerulonephritis, nephritic syndrome, nephritis, nephropathy	580-583
Proteinuria	791.0
Renal failure and its sequelae	584,586,588
Other disorders of kidney and ureter	593
Urinary tract infection	599.0
Diabetes and renal complications	250.4
Chronic renal failure (end-stage renal disease)	585
Endocrine/metabolic complications	
Dwarfism-obesity syndrome	259.4
Glycogenesis and galactosemia	271.0,271.1
Disorders of iron metabolism	275.0
Hypercholesterolemia	272.0
Hyperchylomicronemia	272.3
Hyperkalemia	276.7
Hypertriglyceridemia	272.1
Macroglobulinemia	273.3
Lancereaux's disease	261
Lipidoses	272.7
Other specified endocrine disorders	259.8
Other and unspecified hyperlipidemia	272.4
Mixed hyperlipidemia	272.2
Renal glycosuria	271.4
Ophthalmic complications	
Other retinal disorders	362
Vascular disorders of the iris and ciliary body	364.0,364.4
Disorders of the optic nerve and visual pathways	377
Diabetes with ophthalmic complications	250.5
Cataract	366
Glaucoma	365
Visual disturbance, low vision, blindness	368-369
Other complications	
Bacteremia, bacterial infection, Coxsackie virus	079.2,790.7
Candidiasis of skin and nails	112.3
Chronic osteomyelitis of the foot	730.17
Other and unspecified noninfectious gastroenteritis and colitis	558.9
Impotence of organic origin	607.84
Infective otitis externa	380.1
Degenerative skin disorders	709.3
Candidiasis of vulva and vagina	112.1
Cellulites	681,682
Diabetes with other specified manifestations	250.8
Diabetes with unspecified complication	250.9
Other bone involvement in disease classified elsewhere	731.8