

Supplementary Table 1 Safety outcomes: International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) codes

Code	Code type	Description	Type
Serious infections			
A00.*	ICD-10-CM	Cholera	Infection
A01.*	ICD-10-CM	Typhoid and paratyphoid fevers	Infection
A02.*	ICD-10-CM	Other salmonella infections	Infection
A03.*	ICD-10-CM	Shigellosis	Infection
A04.*	ICD-10-CM	Other intestinal Escherichia coli infections	Infection
A05.*	ICD-10-CM	Other bacterial foodborne intoxications, not elsewhere classified	Infection
A06.*	ICD-10-CM	Amebiasis	Infection
A07.*	ICD-10-CM	Balantidiasis	Infection
A08.*	ICD-10-CM	Rotaviral enteritis	Infection
A09	ICD-10-CM	Infectious gastroenteritis and colitis, unspecified	Infection
A15.*	ICD-10-CM	Respiratory tuberculosis	Infection
A17.*	ICD-10-CM	Tuberculosis of nervous system	Infection
A18.*	ICD-10-CM	Tuberculosis of other organs	Infection
A19.*	ICD-10-CM	Miliary tuberculosis	Infection
A20.*	ICD-10-CM	Plague	Infection
A21.*	ICD-10-CM	Tularemia	Infection
A22.*	ICD-10-CM	Anthrax	Infection
A23.*	ICD-10-CM	Brucellosis	Infection
A24.*	ICD-10-CM	Glanders and melioidosis	Infection
A25.*	ICD-10-CM	Rat-bite fevers	Infection
A26.*	ICD-10-CM	Erysipeloid	Infection
A27.*	ICD-10-CM	Leptospirosis	Infection
A28.*	ICD-10-CM	Other zoonotic bacterial diseases, not elsewhere classified	Infection
A30.*	ICD-10-CM	Leprosy [Hansen's disease]	Infection
A31.*	ICD-10-CM	Infection due to other mycobacteria	Infection

A32.*	ICD-10-CM	Listeriosis	Infection
A36.*	ICD-10-CM	Diphtheria	Infection
A37.*	ICD-10-CM	Whooping cough	Infection
A38.*	ICD-10-CM	Scarlet fever	Infection
A39.*	ICD-10-CM	Meningococcal infection	Infection
A40.*	ICD-10-CM	Streptococcal sepsis	Infection
A41.*	ICD-10-CM	Other sepsis	Infection
A42.*	ICD-10-CM	Actinomycosis	Infection
A43.*	ICD-10-CM	Nocardiosis	Infection
A44.*	ICD-10-CM	Bartonellosis	Infection
A46.*	ICD-10-CM	Erysipelas	Infection
A48.*	ICD-10-CM	Other bacterial diseases, not elsewhere classified	Infection
A49.*	ICD-10-CM	Bacterial infection of unspecified site	Infection
A51.*	ICD-10-CM	Early syphilis	Infection
A52.*	ICD-10-CM	Late syphilis	Infection
A53.*	ICD-10-CM	Other and unspecified syphilis	Infection
A54.*	ICD-10-CM	Gonococcal infection	Infection
A55.*	ICD-10-CM	Chlamydial lymphogranuloma (venereum)	Infection
A56.*	ICD-10-CM	Other sexually transmitted chlamydial diseases	Infection
A57.*	ICD-10-CM	Chancroid	Infection
A58	ICD-10-CM	Granuloma inguinale	Infection
A60.*	ICD-10-CM	Anogenital herpesviral [herpes simplex] infections	Infection
A63.8	ICD-10-CM	Other specified predominantly sexually transmitted diseases	Infection
A64	ICD-10-CM	Unspecified sexually transmitted disease	Infection
A68.*	ICD-10-CM	Relapsing fever	Infection
A69.*	ICD-10-CM	Other spirochetal infections	Infection
A70	ICD-10-CM	Chlamydia psittaci infections	Infection
A75.*	ICD-10-CM	Typhus fever	Infection
A77.*	ICD-10-CM	Spotted fever [tick-borne rickettsioses]	Infection
A78	ICD-10-CM	Q fever	Infection

A79.*	ICD-10-CM	Other rickettsioses	Infection
A81.*	ICD-10-CM	Atypical virus infections of central nervous system	Infection
A82.*	ICD-10-CM	Rabies	Infection
A83.*	ICD-10-CM	Mosquito-borne viral encephalitis	Infection
A84.*	ICD-10-CM	Tick-borne viral encephalitis	Infection
A85.*	ICD-10-CM	Other viral encephalitis, not elsewhere classified	Infection
A86	ICD-10-CM	Unspecified viral encephalitis	Infection
A87.*	ICD-10-CM	Viral meningitis	Infection
A88.*	ICD-10-CM	Other specified viral infections of central nervous system, not elsewhere classified	Infection
A89	ICD-10-CM	Unspecified viral infection of central nervous system	Infection
A90	ICD-10-CM	Dengue fever [classical dengue]	Infection
A91	ICD-10-CM	Dengue hemorrhagic fever	Infection
A92.*	ICD-10-CM	Other mosquito-borne viral fevers	Infection
A93.*	ICD-10-CM	Other arthropod-borne viral fevers, not elsewhere classified	Infection
A94	ICD-10-CM	Unspecified arthropod-borne viral fever	Infection
A95.*	ICD-10-CM	Yellow fever	Infection
A96.*	ICD-10-CM	Arenaviral hemorrhagic fever	Infection
A98.*	ICD-10-CM	Other viral hemorrhagic fevers, not elsewhere classified	Infection
A99	ICD-10-CM	Unspecified viral hemorrhagic fever	Infection
B00.*	ICD-10-CM	Herpesviral [herpes simplex] infections	Infection
B02.*	ICD-10-CM	Zoster [herpes zoster]	Infection
B04	ICD-10-CM	Monkeypox	Infection
B05.*	ICD-10-CM	Measles	Infection
B06.*	ICD-10-CM	Rubella	Infection
B08.*	ICD-10-CM	Other viral infections characterized by skin and mucous membrane lesions, not elsewhere classified	Infection
B09	ICD-10-CM	Unspecified viral infection characterized by skin and mucous membrane lesions	Infection
B10.*	ICD-10-CM	Other human herpesvirus	Infection
B25.*	ICD-10-CM	Cytomegaloviral disease	Infection
B26.*	ICD-10-CM	Mumps	Infection
B27.*	ICD-10-CM	Infectious mononucleosis	Infection

B30.*	ICD-10-CM	Viral conjunctivitis	Infection
B33.*	ICD-10-CM	Other viral diseases, not elsewhere classified	Infection
B34.*	ICD-10-CM	Viral infection of unspecified site	Infection
B37.*	ICD-10-CM	Candidiasis	Infection
B38.*	ICD-10-CM	Coccidioidomycosis	Infection
B39.*	ICD-10-CM	Histoplasmosis	Infection
B40.*	ICD-10-CM	Blastomycosis	Infection
B41.*	ICD-10-CM	Paracoccidioidomycosis	Infection
B42.*	ICD-10-CM	Sporotrichosis	Infection
B43.*	ICD-10-CM	Chromomycosis and phaeomycotic abscess	Infection
B44.*	ICD-10-CM	Aspergillosis	Infection
B45.*	ICD-10-CM	Cryptococcosis	Infection
B46.*	ICD-10-CM	Zygomycosis	Infection
B47.*	ICD-10-CM	Actinomycetoma	Infection
B48.*	ICD-10-CM	Other mycoses, not elsewhere classified	Infection
B49	ICD-10-CM	Unspecified mycosis	Infection
B50.*	ICD-10-CM	Plasmodium falciparum malaria	Infection
B51.*	ICD-10-CM	Plasmodium vivax malaria	Infection
B52.*	ICD-10-CM	Plasmodium malariae malaria	Infection
B53.*	ICD-10-CM	Other specified malaria	Infection
B54	ICD-10-CM	Unspecified malaria	Infection
B55.*	ICD-10-CM	Leishmaniasis	Infection
B56.*	ICD-10-CM	African trypanosomiasis	Infection
B57.*	ICD-10-CM	Chagas' disease	Infection
B58.*	ICD-10-CM	Toxoplasmosis	Infection
B59	ICD-10-CM	Pneumocystosis	Infection
B60.*	ICD-10-CM	Other protozoal diseases, not elsewhere classified	Infection
B65.*	ICD-10-CM	Schistosomiasis bilharziasis	Infection
B66.*	ICD-10-CM	Other fluke infections	Infection
B67.*	ICD-10-CM	Echinococcus	Infection

B68.*	ICD-10-CM	Taeniasis	Infection
B69.*	ICD-10-CM	Cysticercosis	Infection
B70.*	ICD-10-CM	Diphyllobothriasis and sparganosis	Infection
B71.*	ICD-10-CM	Other cestode infections	Infection
B72	ICD-10-CM	Dracunculiasis	Infection
B73.*	ICD-10-CM	Onchocerciasis with eye involve	Infection
B74.*	ICD-10-CM	Filariasis	Infection
B75	ICD-10-CM	Trichinellosis	Infection
B76.*	ICD-10-CM	Hookworm diseases	Infection
B77.*	ICD-10-CM	Ascariasis	Infection
B78.*	ICD-10-CM	Strongyloidiasis	Infection
B79	ICD-10-CM	Trichuriasis	Infection
B80	ICD-10-CM	Enterobiasis	Infection
B81.*	ICD-10-CM	Other intestinal helminthiases, not elsewhere classified	Infection
B82.*	ICD-10-CM	unspecified Intestinal parasitism	Infection
B83.*	ICD-10-CM	Other helminthiases	Infection
B87.*	ICD-10-CM	Myiasis	Infection
B95.*	ICD-10-CM	Streptococcus, group A, as the cause of diseases classified elsewhere	Infection
B96.*	ICD-10-CM	Other bacterial agents as the cause of diseases classified elsewhere	Infection
B97.*	ICD-10-CM	Viral agents as the cause of diseases classified elsewhere	Infection
G00.*	ICD-10-CM	Bacterial meningitis, not elsewhere classified	Infection
G01	ICD-10-CM	Meningitis in bacterial diseases classified elsewhere	Infection
G02	ICD-10-CM	Meningitis in other infectious and parasitic diseases classified elsewhere	Infection
G04.*	ICD-10-CM	Encephalitis, myelitis and encephalomyelitis	Infection
G05.*	ICD-10-CM	Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere	Infection
G06.*	ICD-10-CM	Intracranial and intraspinal abscess and granuloma	Infection
G07	ICD-10-CM	Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere	Infection
H04.0*	ICD-10-CM	Dacryoadenitis	Infection
H04.3*	ICD-10-CM	Acute and unspecified inflammation of lacrimal passages	Infection
H05.01*	ICD-10-CM	Cellulitis of orbit	Infection

H05.02*	ICD-10-CM	Osteomyelitis of orbit	Infection
H05.11*	ICD-10-CM	Granuloma of orbit	Infection
H05.89	ICD-10-CM	Other disorders of orbit	Infection
H10.02*	ICD-10-CM	Other mucopurulent conjunctivitis	Infection
H10.22*	ICD-10-CM	Pseudomembranous conjunctivitis	Infection
H10.23*	ICD-10-CM	Serous conjunctivitis, except viral	Infection
H10.3*	ICD-10-CM	Unspecified acute conjunctivitis	Infection
H16.31*	ICD-10-CM	Corneal abscess	Infection
H20.03*	ICD-10-CM	Secondary infectious iridocyclitis	Infection
H20.05*	ICD-10-CM	Hypopyon	Infection
H21.33*	ICD-10-CM	Parasitic cyst of iris, ciliary body, or anterior chamber	Infection
H30.00*	ICD-10-CM	Unspecified focal chorioretinal inflammation	Infection
H33.12*	ICD-10-CM	Parasitic cyst of retina	Infection
H44.0*	ICD-10-CM	Purulent endophthalmitis	Infection
H44.11*	ICD-10-CM	Panuveitis	Infection
H44.12*	ICD-10-CM	Parasitic endophthalmitis, unspecified	Infection
H44.19	ICD-10-CM	Other endophthalmitis	Infection
I32	ICD-10-CM	Pericarditis in diseases classified elsewhere	Infection
I33.*	ICD-10-CM	Acute and subacute endocarditis	Infection
I39	ICD-10-CM	Endocarditis and heart valve disorders in diseases classified elsewhere	Infection
I40.*	ICD-10-CM	Acute myocarditis	Infection
I41	ICD-10-CM	Myocarditis in diseases classified elsewhere	Infection
I96	ICD-10-CM	Gangrene, not elsewhere classified	Infection
J00	ICD-10-CM	Acute nasopharyngitis [common cold]	Infection
J01.*	ICD-10-CM	Acute sinusitis	Infection
J02.*	ICD-10-CM	Acute pharyngitis	Infection
J03.*	ICD-10-CM	Acute tonsillitis	Infection
J04.*	ICD-10-CM	Acute laryngitis and tracheitis	Infection
J05.*	ICD-10-CM	Acute obstructive laryngitis [croup] and epiglottitis	Infection
J06.*	ICD-10-CM	Acute upper respiratory infections of multiple and unspecified sites	Infection

J09.*	ICD-10-CM	Influenza due to certain identified influenza viruses	Infection
J10.*	ICD-10-CM	Influenza due to other identified influenza virus	Infection
J11.*	ICD-10-CM	Influenza due to unidentified influenza virus	Infection
J12.*	ICD-10-CM	Adenoviral pneumonia	Infection
J13	ICD-10-CM	Pneumonia due to Streptococcus pneumoniae	Infection
J14	ICD-10-CM	Pneumonia due to Hemophilus influenzae	Infection
J15.*	ICD-10-CM	Bacterial pneumonia, not elsewhere classified	Infection
J16.*	ICD-10-CM	Pneumonia due to other infectious organisms, not elsewhere classified	Infection
J17	ICD-10-CM	Pneumonia in diseases classified elsewhere	Infection
J18.*	ICD-10-CM	Pneumonia, unspecified organism	Infection
J20.*	ICD-10-CM	Acute bronchitis	Infection
J21.*	ICD-10-CM	Acute bronchiolitis	Infection
J32.*	ICD-10-CM	Chronic sinusitis	Infection
J36	ICD-10-CM	Peritonsillar abscess	Infection
J40	ICD-10-CM	Bronchitis, not specified as acute or chronic	Infection
J41.*	ICD-10-CM	Simple and mucopurulent chronic bronchitis	Infection
J47.*	ICD-10-CM	Bronchiectasis	Infection
J85.0	ICD-10-CM	Gangrene and necrosis of lung	Infection
J85.1	ICD-10-CM	Abscess of lung with pneumonia	Infection
J85.2	ICD-10-CM	Abscess of lung without pneumonia	Infection
J95.02	ICD-10-CM	Infection of tracheostomy stoma	Infection
J95.851	ICD-10-CM	Ventilator associated pneumonia	Infection
J95.89	ICD-10-CM	Other postprocedural complications and disorders of respiratory system, not elsewhere classified	Infection
K12.2	ICD-10-CM	Cellulitis and abscess of mouth	Infection
K35.*	ICD-10-CM	Acute appendicitis	Infection
K37	ICD-10-CM	Unspecified appendicitis	Infection
K57.*	ICD-10-CM	Diverticular disease of intestine	Infection
K63.0	ICD-10-CM	Abscess of intestine	Infection
K65.*	ICD-10-CM	Peritonitis	Infection
K67	ICD-10-CM	Disorders of peritoneum in infectious diseases classified elsewhere	Infection

K68.11	ICD-10-CM	Postprocedural retroperitoneal abscess	Infection
K68.19	ICD-10-CM	Other retroperitoneal abscess	Infection
K68.9	ICD-10-CM	Other disorders of retroperitoneum	Infection
K90.81	ICD-10-CM	Whipple's disease	Infection
K94.02	ICD-10-CM	Colostomy infection	Infection
K94.12	ICD-10-CM	Enterostomy infection	Infection
K94.22	ICD-10-CM	Gastrostomy infection	Infection
K94.32	ICD-10-CM	Esophagostomy infection	Infection
K95.01	ICD-10-CM	Infection due to gastric band procedure	Infection
K95.81	ICD-10-CM	Infection due to other bariatric procedure	Infection
L01.*	ICD-10-CM	Impetigo	Infection
L02.*	ICD-10-CM	Cutaneous abscess, furuncle and carbuncle	Infection
L03.*	ICD-10-CM	Cellulitis and acute lymphangitis	Infection
L04.*	ICD-10-CM	Acute lymphadenitis	Infection
L05.0*	ICD-10-CM	Pilonidal cyst and sinus with abscess	Infection
L08.1	ICD-10-CM	Erythrasma	Infection
L08.89	ICD-10-CM	Other specified local infections of the skin and subcutaneous tissue	Infection
L08.9	ICD-10-CM	Local infection of the skin and subcutaneous tissue, unspecified	Infection
M00.*	ICD-10-CM	Pyogenic arthritis	Infection
M01.*	ICD-10-CM	Direct infection of joint in infectious and parasitic diseases classified elsewhere	Infection
M02.3*	ICD-10-CM	Reiter's disease	Infection
M46.2*	ICD-10-CM	Osteomyelitis of vertebra, site unspecified	Infection
M46.3*	ICD-10-CM	Infection of intervertebral disc (pyogenic)	Infection
M60.009	ICD-10-CM	Infective myositis, unspecified site	Infection
M86.*	ICD-10-CM	Osteomyelitis	Infection
M90.8*	ICD-10-CM	Osteopathy in diseases classified elsewhere	Infection
N10	ICD-10-CM	Acute pyelonephritis	Infection
N11.*	ICD-10-CM	Chronic tubulo-interstitial nephritis	Infection
N12	ICD-10-CM	Tubulo-interstitial nephritis, not specified as acute or chronic	Infection
N13.6	ICD-10-CM	Pyonephrosis	Infection

N15.1	ICD-10-CM	Renal and perinephric abscess	Infection
N15.9	ICD-10-CM	Renal tubulo-interstitial disease, unspecified	Infection
N16	ICD-10-CM	Renal tubulo-interstitial disorders in diseases classified elsewhere	Infection
N28.84	ICD-10-CM	Pyelitis cystica	Infection
N28.85	ICD-10-CM	Pyeloureteritis cystica	Infection
N28.86	ICD-10-CM	Ureteritis cystica	Infection
N30.0*	ICD-10-CM	Acute cystitis	Infection
N32.89	ICD-10-CM	Other specified disorders bladder	Infection
N34.0	ICD-10-CM	Urethral abscess	Infection
N34.1	ICD-10-CM	Nonspecific urethritis	Infection
N34.2	ICD-10-CM	Other urethritis	Infection
N39.0	ICD-10-CM	Urinary tract infection, site not specified	Infection
N99.511	ICD-10-CM	Cystostomy infection	Infection
R65.2*	ICD-10-CM	Severe sepsis	Infection
R78.81	ICD-10-CM	Bacteremia	Infection
T80.212A	ICD-10-CM	Local infection due to central venous catheter, initial encounter	Infection
T81.4XXA	ICD-10-CM	Infection following a procedure, initial encounter	Infection
T82.6XXA	ICD-10-CM	Infection and inflammatory reaction due to cardiac valve prosthesis, initial encounter	Infection
T82.7XXA	ICD-10-CM	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter	Infection
T83.510A	ICD-10-CM	Infection and inflammatory reaction due to cystostomy catheter, initial encounter	Infection
T83.511A	ICD-10-CM	Infection and inflammatory reaction due to indwelling urethral catheter, initial encounter	Infection
T83.512A	ICD-10-CM	Infection and inflammatory reaction due to nephrostomy catheter, initial encounter	Infection
T83.518A	ICD-10-CM	Infection and inflammatory reaction due to other urinary catheter, initial encounter	Infection
T83.51XA	ICD-10-CM	Infection and inflammatory reaction due to indwelling urinary catheter, initial encounter	Infection
T83.590A	ICD-10-CM	Infection and inflammatory reaction due to implanted urinary neurostimulation device, initial encounter	Infection
T83.591A	ICD-10-CM	Infection and inflammatory reaction due to implanted urinary sphincter, initial encounter	Infection
T83.592A	ICD-10-CM	Infection and inflammatory reaction due to indwelling ureteral stent, initial encounter	Infection
T83.593A	ICD-10-CM	Infection and inflammatory reaction due to other urinary stents, initial encounter	Infection
T83.598A	ICD-10-CM	Infection and inflammatory reaction due to other prosthetic device, implant and graft in urinary system, initial encounter	Infection
T83.59XA	ICD-10-CM	Infection and inflammatory reaction due to prosthetic device, implant and graft in urinary system, initial encounter	Infection

T83.61XA	ICD-10-CM	Infection and inflammatory reaction due to implanted penile prosthesis, initial encounter	Infection
T83.62XA	ICD-10-CM	Infection and inflammatory reaction due to implanted testicular prosthesis, initial encounter	Infection
T83.69XA	ICD-10-CM	Infection and inflammatory reaction due to other prosthetic device, implant and graft in genital tract, initial encounter	Infection
T83.6XXA	ICD-10-CM	Infection and inflammatory reaction due to prosthetic device, implant and graft in genital tract, initial encounter	Infection
T84.50XA	ICD-10-CM	Infection and inflammatory reaction due to unspecified internal joint prosthesis, initial encounter	Infection
T84.51XA	ICD-10-CM	Infection and inflammatory reaction due to internal right hip prosthesis, initial encounter	Infection
T84.52XA	ICD-10-CM	Infection and inflammatory reaction due to internal left hip prosthesis, initial encounter	Infection
T84.53XA	ICD-10-CM	Infection and inflammatory reaction due to internal right knee prosthesis, initial encounter	Infection
T84.54XA	ICD-10-CM	Infection and inflammatory reaction due to internal left knee prosthesis, initial encounter	Infection
T84.59XA	ICD-10-CM	Infection and inflammatory reaction due to other internal joint prosthesis, initial encounter	Infection
T84.60XA	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of unspecified site, initial encounter	Infection
T84.610A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right humerus, initial encounter	Infection
T84.611A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left humerus, initial encounter	Infection
T84.612A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right radius, initial encounter	Infection
T84.613A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left radius, initial encounter	Infection
T84.614A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right ulna, initial encounter	Infection
T84.615A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left ulna, initial encounter	Infection
T84.619A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of unspecified bone of arm, initial encounter	Infection
T84.620A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right femur, initial encounter	Infection
T84.621A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left femur, initial encounter	Infection
T84.622A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right tibia, initial encounter	Infection
T84.623A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left tibia, initial encounter	Infection
T84.624A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right fibula, initial encounter	Infection
T84.625A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of left fibula, initial encounter	Infection
T84.629A	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of right fibula, initial encounter	Infection
T84.63XA	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of spine, initial encounter	Infection
T84.69XA	ICD-10-CM	Infection and inflammatory reaction due to internal fixation device of other site, initial encounter	Infection
T84.7XXA	ICD-10-CM	Infection and inflammatory reaction due to other internal orthopedic prosthetic devices, implants and grafts, initial encounter	Infection
T85.71XA	ICD-10-CM	Infection and inflammatory reaction due to peritoneal dialysis catheter, initial encounter	Infection
T85.72XA	ICD-10-CM	Infection and inflammatory reaction due to insulin pump, initial encounter	Infection

T85.730A	ICD-10-CM	Infection and inflammatory reaction due to ventricular intracranial (communicating) shunt, initial encounter	Infection
T85.731A	ICD-10-CM	Infection and inflammatory reaction due to implanted electronic neurostimulator of brain, electrode (lead), initial encounter	Infection
T85.732A	ICD-10-CM	Infection and inflammatory reaction due to implanted electronic neurostimulator of peripheral nerve, electrode (lead), initial encounter	Infection
T85.733A	ICD-10-CM	Infection and inflammatory reaction due to implanted electronic neurostimulator of spinal cord, electrode (lead), initial encounter	Infection
T85.734A	ICD-10-CM	Infection and inflammatory reaction due to implanted electronic neurostimulator, generator, initial encounter	Infection
T85.735A	ICD-10-CM	Infection and inflammatory reaction due to cranial or spinal infusion catheter, initial encounter	Infection
T85.738A	ICD-10-CM	Infection and inflammatory reaction due to other nervous system device, implant or graft, initial encounter	Infection
T85.79XA	ICD-10-CM	Infection and inflammatory reaction due to other internal prosthetic devices, implants and grafts, initial encounter	Infection
T87.4*	ICD-10-CM	Infection of amputation stump	Infection
MI			
I21.*	ICD-10-CM	Acute myocardial infarction	Acute MI
I22.*	ICD-10-CM	Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction	Subsequent MI
Stroke			
H34.1*	ICD-10-CM	Central retinal artery occlusion	Stroke
I60.*	ICD-10-CM	Nontraumatic subarachnoid hemorrhage	Stroke
I61.*	ICD-10-CM	Nontraumatic intracerebral hemorrhage	Stroke
I63.*	ICD-10-CM	Cerebral infarction	Stroke
I64	ICD-10-CM	Stroke, not specified as haemorrhage or infarction	Stroke
G45.*	ICD-10-CM	Transient cerebral ischemic attacks and related syndromes	Stroke
PE			
I26.*	ICD-10-CM	Pulmonary embolism	PE
DVT			
I80.*	ICD-10-CM	Phlebitis and thrombophlebitis	DVT
I81	ICD-10-CM	Portal vein thrombosis	DVT
I82.*	ICD-10-CM	Other venous embolism and thrombosis	DVT
O22.3*	ICD-10-CM	Deep phlebothrombosis in pregnancy	DVT
O87.1	ICD-10-CM	Deep phlebothrombosis in the puerperium	DVT
Malignancy			
C00.*	ICD-10-CM	Malignant neoplasm of lip	Malignancy

C01	ICD-10-CM	Malignant neoplasm of base of tongue	Malignancy
C02.*	ICD-10-CM	Malignant neoplasm of other and unspecified parts of tongue	Malignancy
C03.*	ICD-10-CM	Malignant neoplasm of gum	Malignancy
C04.*	ICD-10-CM	Malignant neoplasm of floor of mouth	Malignancy
C05.*	ICD-10-CM	Malignant neoplasm of palate	Malignancy
C06.*	ICD-10-CM	Malignant neoplasm of other and unspecified parts of mouth	Malignancy
C07	ICD-10-CM	Malignant neoplasm of parotid gland	Malignancy
C08.*	ICD-10-CM	Malignant neoplasm of other and unspecified major salivary glands	Malignancy
C09.*	ICD-10-CM	Malignant neoplasm of tonsil	Malignancy
C10.*	ICD-10-CM	Malignant neoplasm of oropharynx	Malignancy
C11.*	ICD-10-CM	Malignant neoplasm of nasopharynx	Malignancy
C12	ICD-10-CM	Malignant neoplasm of pyriform sinus	Malignancy
C13.*	ICD-10-CM	Malignant neoplasm of hypopharynx	Malignancy
C14.*	ICD-10-CM	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	Malignancy
C15.*	ICD-10-CM	Malignant neoplasm of esophagus	Malignancy
C16.*	ICD-10-CM	Malignant neoplasm of stomach	Malignancy
C17.*	ICD-10-CM	Malignant neoplasm of small intestine	Malignancy
C18.*	ICD-10-CM	Malignant neoplasm of colon	Malignancy
C19	ICD-10-CM	Malignant neoplasm of rectosigmoid junction	Malignancy
C20	ICD-10-CM	Malignant neoplasm of rectum	Malignancy
C21.*	ICD-10-CM	Malignant neoplasm of anus and anal canal	Malignancy
C22.*	ICD-10-CM	Malignant neoplasm of liver and intrahepatic bile ducts	Malignancy
C23	ICD-10-CM	Malignant neoplasm of gallbladder	Malignancy
C24.*	ICD-10-CM	Malignant neoplasm of other and unspecified parts of biliary tract	Malignancy
C25.*	ICD-10-CM	Malignant neoplasm of pancreas	Malignancy
C26.*	ICD-10-CM	Malignant neoplasm of other and ill-defined digestive organs	Malignancy
C30.*	ICD-10-CM	Malignant neoplasm of nasal cavity and middle ear	Malignancy
C31.*	ICD-10-CM	Malignant neoplasm of accessory sinuses	Malignancy
C32.*	ICD-10-CM	Malignant neoplasm of larynx	Malignancy
C33	ICD-10-CM	Malignant neoplasm of trachea	Malignancy

C34.*	ICD-10-CM	Malignant neoplasm of bronchus and lung	Malignancy
C37	ICD-10-CM	Malignant neoplasm of thymus	Malignancy
C38.*	ICD-10-CM	Malignant neoplasm of heart, mediastinum and pleura	Malignancy
C39.*	ICD-10-CM	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	Malignancy
C40.*	ICD-10-CM	Malignant neoplasm of bone and articular cartilage of limbs	Malignancy
C41.*	ICD-10-CM	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	Malignancy
C43.*	ICD-10-CM	Malignant melanoma of skin	Malignancy
C44.*	ICD-10-CM	Other and unspecified malignant neoplasm of skin	Malignancy
C45.*	ICD-10-CM	Mesothelioma	Malignancy
C46.*	ICD-10-CM	Kaposi's sarcoma	Malignancy
C47.*	ICD-10-CM	Malignant neoplasm of peripheral nerves and autonomic nervous system	Malignancy
C48.*	ICD-10-CM	Malignant neoplasm of retroperitoneum and peritoneum	Malignancy
C49.*	ICD-10-CM	Malignant neoplasm of other connective and soft tissue	Malignancy
C4A.*	ICD-10-CM	Merkel cell carcinoma	Malignancy
C50.*	ICD-10-CM	Malignant neoplasm of nipple and areola	Malignancy
C51.*	ICD-10-CM	Malignant neoplasm of vulva	Malignancy
C52	ICD-10-CM	Malignant neoplasm of vagina	Malignancy
C53.*	ICD-10-CM	Malignant neoplasm of cervix uteri	Malignancy
C54.*	ICD-10-CM	Malignant neoplasm of corpus uteri	Malignancy
C55	ICD-10-CM	Malignant neoplasm of uterus, part unspecified	Malignancy
C56.*	ICD-10-CM	Malignant neoplasm of ovary	Malignancy
C57.*	ICD-10-CM	Malignant neoplasm of other and unspecified female genital organs	Malignancy
C58	ICD-10-CM	Malignant neoplasm of placenta	Malignancy
C60.*	ICD-10-CM	Malignant neoplasm of penis	Malignancy
C61	ICD-10-CM	Malignant neoplasm of prostate	Malignancy
C62.*	ICD-10-CM	Malignant neoplasm of testis	Malignancy
C63.*	ICD-10-CM	Malignant neoplasm of other and unspecified male genital organs	Malignancy
C64.*	ICD-10-CM	Malignant neoplasm of kidney, except renal pelvis	Malignancy
C65.*	ICD-10-CM	Malignant neoplasm of renal pelvis	Malignancy
C66.*	ICD-10-CM	Malignant neoplasm of ureter	Malignancy

C67.*	ICD-10-CM	Malignant neoplasm of bladder	Malignancy
C68.*	ICD-10-CM	Malignant neoplasm of other and unspecified urinary organs	Malignancy
C69.*	ICD-10-CM	Malignant neoplasm of eye and adnexa	Malignancy
C70.*	ICD-10-CM	Malignant neoplasm of meninges	Malignancy
C71.*	ICD-10-CM	Malignant neoplasm of brain	Malignancy
C72.*	ICD-10-CM	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	Malignancy
C73	ICD-10-CM	Malignant neoplasm of thyroid gland	Malignancy
C74.*	ICD-10-CM	Malignant neoplasm of adrenal gland	Malignancy
C75.*	ICD-10-CM	Malignant neoplasm of other endocrine glands and related structures	Malignancy
C76.*	ICD-10-CM	Malignant neoplasm of other and ill-defined sites	Malignancy
C77.*	ICD-10-CM	Secondary and unspecified malignant neoplasm of lymph nodes	Malignancy
C78.*	ICD-10-CM	Secondary malignant neoplasm of respiratory and digestive organs	Malignancy
C79.*	ICD-10-CM	Secondary malignant neoplasm of other and unspecified sites	Malignancy
C7A.*	ICD-10-CM	Malignant neuroendocrine tumors	Malignancy
C7B.*	ICD-10-CM	Secondary neuroendocrine tumors	Malignancy
C80.*	ICD-10-CM	Malignant neoplasm without specification of site	Malignancy
C81.*	ICD-10-CM	Hodgkin lymphoma	Malignancy
C82.*	ICD-10-CM	Follicular lymphoma	Malignancy
C83.*	ICD-10-CM	Non-follicular lymphoma	Malignancy
C84.*	ICD-10-CM	Mature T/NK-cell lymphomas	Malignancy
C85.*	ICD-10-CM	Other specified and unspecified types of non-Hodgkin lymphoma	Malignancy
C86.*	ICD-10-CM	Other specified types of T/NK-cell lymphoma	Malignancy
C88.*	ICD-10-CM	Malignant immunoproliferative diseases and certain other B-cell lymphomas	Malignancy
C90.*	ICD-10-CM	Multiple myeloma and malignant plasma cell neoplasms	Malignancy
C91.*	ICD-10-CM	Lymphoid leukemia	Malignancy
C92.*	ICD-10-CM	Myeloid leukemia	Malignancy
C93.*	ICD-10-CM	Monocytic leukemia	Malignancy
C94.*	ICD-10-CM	Other leukemias of specified cell type	Malignancy
C95.*	ICD-10-CM	Leukemia of unspecified cell type	Malignancy
C96.*	ICD-10-CM	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	Malignancy

*Indicates full category of diagnosis. *DVT*, deep venous thromboembolism; *MI*, myocardial infarction; *NK*, natural killer; *PE*, pulmonary embolism