

Table S2. International Classification of Diseases, Ninth Revision (ICD-9) codes included in the GBD 2021 cause category of adverse effects of medical treatment

ICD-9 code	ICD-9 cause name
244.0	Postsurgical hypothyroidism
244.1	Other postablative hypothyroidism
244.3	Other iatrogenic hypothyroidism
244.8	Other specified acquired hypothyroidism
251.3	Postsurgical hypoinsulinemia
253.7	Iatrogenic pituitary disorders
279.5	Disorders involving the immune mechanism : Graft-versus-host disease
279.5	Graft-versus-host disease, unspecified
279.51	Acute graft-versus-host disease
279.52	Chronic graft-versus-host disease
279.53	Acute on chronic graft-versus-host disease
331.81	Reye's syndrome
333.92	Neuroleptic malignant syndrome
349.0	Reaction to spinal or lumbar puncture
349.1	Nervous system complications from surgically implanted device
349.2	Disorders of meninges, not elsewhere classified
349.3	Other and unspecified disorders of the nervous system : Dural tear
349.31	Accidental puncture or laceration of dura during a procedure
349.39	Other dural tear
349.8	Other specified disorders of nervous system
349.81	Cerebrospinal fluid rhinorrhea
349.82	Toxic encephalopathy
349.89	Other specified disorders of nervous system
349.9	Unspecified disorders of nervous system
357.6	Polyneuropathy due to drugs
359.24	Drug- induced myotonia
379.6	Other disorders of eye : Inflammation (infection) of postprocedural bleb
379.6	Inflammation (infection) of postprocedural bleb, unspecified
379.61	Inflammation (infection) of postprocedural bleb, stage 1
379.62	Inflammation (infection) of postprocedural bleb, stage 2
379.63	Inflammation (infection) of postprocedural bleb, stage 3
440.3	Atherosclerosis of bypass graft of the extremities
440.3	Atherosclerosis of unspecified bypass graft of the extremities
440.31	Atherosclerosis of autologous vein bypass graft of the extremities
440.32	Atherosclerosis of nonautologous biological bypass graft of the extremities

457.0	Postmastectomy lymphedema syndrome
458.2	Iatrogenic hypotension
458.21	Hypotension of hemodialysis
458.29	Other iatrogenic hypotension
518.6	Allergic bronchopulmonary aspergillosis
518.7	Transfusion related acute lung injury (TRALI)
519.0	Tracheostomy
519.00	Tracheostomy complication, unspecified
519.1	Other diseases of trachea and bronchus not elsewhere classified
519.11	Acute bronchospasm
519.19	Other diseases of trachea and bronchus
525.6	Unsatisfactory restoration of tooth
526.6	Unspecified unsatisfactory restoration of tooth
526.61	Open restoration margins
526.62	Unrepairable overhanging of dental restorative materials
526.63	Fractured dental restorative material without loss of material
526.64	Fractured dental restorative material with loss of material
526.65	Contour of existing restoration of tooth biologically incompatible with oral health
526.66	Allergy to existing dental restorative material
526.67	Poor aesthetics of existing restoration
526.69	Other unsatisfactory restoration of existing tooth
525.7	Endosseous dental implant failure
525.71	Osseointegration failure of dental implant
525.72	Post-osseointegration biological failure of dental implant
525.73	Post-osseointegration mechanical failure of dental implant
525.79	Other endosseous dental implant failure
526.62	Endodontic overfill
526.63	Endodontic underfill
530.86	Infection of esophagostomy
530.87	Mechanical complication of esophagostomy
536.4	Gastrostomy complications
536.40	Gastrostomy complication, unspecified
536.49	Other gastrostomy complications
539	Complications of bariatric procedures
539.0	Complications of gastric band procedure
539.01	Infection due to gastric band procedure
539.09	Other complications of gastric band procedure

539.8	Complications of other bariatric procedure
539.81	Infection due to other bariatric procedure
539.89	Other complications of other bariatric procedure
539.9	Ventral hernia
551.2	Ventral hernia with gangrene
551.20	Ventral hernia, unspecified, with gangrene
551.29	Other ventral hernia with gangrene
552.2	Ventral hernia with obstruction
552.20	Ventral, unspecified, hernia with obstruction
552.29	Other ventral hernia with obstruction
553.2	Ventral hernia without mention of obstruction or gangrene
553.29	Other ventral hernia without mention of obstruction or gangrene
564.2	Postgastric surgery syndromes
564.3	Vomiting following gastrointestinal surgery
564.4	Other postoperative functional disorders
569.6	Colostomy and enterostomy complications
569.60	Colostomy and enterostomy complication, unspecified
569.7	Other disorders of intestine : Complications of intestinal pouch
569.8	Other specified disorders of intestine
579.3	Other and unspecified postsurgical nonabsorption
595.82	Irradiation cystitis
596.81	Infection of cystostomy
596.82	Mechanical complication of cystostomy
596.83	Other complication of cystostomy
598.2	Postoperative urethral stricture
612	Deformity and disproportion of reconstructed breast
612.1	Disproportion of reconstructed breast
780.62	Postprocedural fever
780.63	Postvaccination fever
780.64	Chills (without fever)
780.65	Hypothermia not associated with low environmental temperature
780.66	Febrile nonhemolytic transfusion reaction
779.4	Drug reactions and intoxications specific to newborn
779.5	Drug withdrawal syndrome in newborn
995.89	Other specified adverse effects, not elsewhere classified
E870	Accidental cut puncture perforation or hemorrhage during medical care
E870.0	Accidental cut, puncture, perforation or hemorrhage during surgical operation

E870.1	Accidental cut, puncture, perforation or hemorrhage during infusion or transfusion
E870.2	Accidental cut, puncture, perforation or hemorrhage during kidney dialysis or other perfusion
E870.3	Accidental cut, puncture, perforation or hemorrhage during injection or vaccination
E870.4	Accidental cut, puncture, perforation or hemorrhage during endoscopic examination
E870.5	Accidental cut, puncture, perforation or hemorrhage during aspiration of fluid or tissue, puncture, and catheterization
E870.6	Accidental cut, puncture, perforation or hemorrhage during heart catheterization
E870.7	Accidental cut, puncture, perforation or hemorrhage during administration of enema
E870.8	Accidental cut, puncture, perforation or hemorrhage during other specified medical care
E870.9	Accidental cut, puncture, perforation or hemorrhage during unspecified medical care
E871	Foreign object left in body during procedure
E871.0	Foreign object left in body during surgical operation
E871.1	Foreign object left in body during infusion or transfusion
E871.2	Foreign object left in body during kidney dialysis or other perfusion
E871.3	Foreign object left in body during injection or vaccination
E871.4	Foreign object left in body during endoscopic examination
E871.5	Foreign object left in body during aspiration of fluid or tissue, puncture, and catheterization
E871.6	Foreign object left in body during heart catheterization
E871.7	Foreign object left in body during removal of catheter or packing
E871.8	Foreign object left in body during other specified procedures
E871.9	Foreign object left in body during unspecified procedure
E872	Failure of sterile precautions during procedure
E872.0	Failure of sterile precautions during surgical operation
E872.1	Failure of sterile precautions during infusion or transfusion
E872.2	Failure of sterile precautions during kidney dialysis and other perfusion
E872.3	Failure of sterile precautions during injection or vaccination
E872.4	Failure of sterile precautions during endoscopic examination
E872.5	Failure of sterile precautions during aspiration of fluid or tissue, puncture, and catheterization
E872.6	Failure of sterile precautions during heart catheterization
E872.8	Failure of sterile precautions during other specified procedures
E872.9	Failure of sterile precautions during unspecified procedure
E873	Failure in dosage

E873.0	Excessive amount of blood or other fluid during transfusion or infusion
E873.1	Incorrect dilution of fluid during infusion
E873.2	Overdose of radiation in therapy
E873.3	Inadvertent exposure of patient to radiation during medical care
E873.4	Failure in dosage in electroshock or insulin-shock therapy
E873.5	Inappropriate [too hot or too cold] temperature in local application and packing
E873.6	Nonadministration of necessary drug or medicinal substance
E873.8	Other specified failure in dosage
E873.9	Unspecified failure in dosage
E874	Mechanical failure of instrument or apparatus during procedure
E874.0	Mechanical failure of instrument or apparatus during surgical operation
E874.1	Mechanical failure of instrument or apparatus during infusion and transfusion
E874.2	Mechanical failure of instrument or apparatus during kidney dialysis and other perfusion
E874.3	Mechanical failure of instrument or apparatus during endoscopic examination
E874.4	Mechanical failure of instrument or apparatus during aspiration of fluid or tissue, puncture, and catheterization
E874.5	Mechanical failure of instrument or apparatus during heart catheterization
E874.8	Mechanical failure of instrument or apparatus during other specified procedures
E874.9	Mechanical failure of instrument or apparatus during unspecified procedure
E875	Contaminated or infected blood other fluid drug or biological substance
E875.0	Contaminated substance transfused or infused
E875.1	Contaminated substance injected or used for vaccination
E875.2	Contaminated drug or biological substance administered by other means
E875.8	Misadventure to patient from other contamination
E875.9	Misadventure to patient from unspecified contamination
E876	Other and unspecified misadventures during medical care
E876.0	Mismatched blood in transfusion
E876.1	Wrong fluid in infusion
E876.2	Failure in suture and ligature during surgical operation
E876.3	Endotracheal tube wrongly placed during anesthetic procedure
E876.4	Failure to introduce or to remove other tube or instrument
E876.5	Performance of wrong operation (procedure) on correct patient
E876.6	Performance of operation (procedure) on patient not scheduled for surgery
E876.7	Performance of correct operation (procedure) on wrong side/body part
E876.8	Other specified misadventures during medical care
E876.9	Unspecified misadventure during medical care

E878	Surgical operation and other surgical procedures as the cause of abnormal reaction of patient or of later complication without mention of misadventure at the time of operation
E878.0	Surgical operation with transplant of whole organ causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.1	Surgical operation with implant of artificial internal device causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.2	Surgical operation with anastomosis, bypass, or graft, with natural or artificial tissues used as implant causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.3	Surgical operation with formation of external stoma causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.4	Other restorative surgery causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.5	Amputation of limb(s) causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.6	Removal of other organ (partial) (total) causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.8	Other specified surgical operations and procedures causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E878.9	Unspecified surgical operations and procedures causing abnormal patient reaction, or later complication, without mention of misadventure at time of operation
E879	Other procedures without mention of misadventure at the time of procedure as the cause of abnormal reaction of patient or of later complication
E879.0	Cardiac catheterization as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.1	Kidney dialysis as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.2	Radiological procedure and radiotherapy as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.3	Shock therapy as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.4	Aspiration of fluid as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.5	Insertion of gastric or duodenal sound as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure of time of procedure
E879.6	Urinary catheterization as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure

E879.7	Blood sampling as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.8	Other specified procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E879.9	Unspecified procedure as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at time of procedure
E930	Antibiotics causing adverse effects in therapeutic use
E930.0	Penicillins causing adverse effects in therapeutic use
E930.1	Antifungal antibiotics causing adverse effects in therapeutic use
E930.2	Chloramphenicol group causing adverse effects in therapeutic use
E930.3	Erythromycin and other macrolides causing adverse effects in therapeutic use
E930.4	Tetracycline group causing adverse effects in therapeutic use
E930.5	Cephalosporin group causing adverse effects in therapeutic use
E930.6	Antimycobacterial antibiotics causing adverse effects in therapeutic use
E930.7	Antineoplastic antibiotics causing adverse effects in therapeutic use
E930.8	Other specified antibiotics causing adverse effects in therapeutic use
E930.9	Unspecified antibiotic causing adverse effects in therapeutic use
E931	Other anti-infectives causing adverse effects in therapeutic use
E931.0	Sulfonamides causing adverse effects in therapeutic use
E931.1	Arsenical anti-infectives causing adverse effects in therapeutic use
E931.2	Heavy metal anti-infectives causing adverse effects in therapeutic use
E931.3	Quinoline and hydroxyquinoline derivatives causing adverse effects in therapeutic use
E931.4	Antimalarials and drugs acting on other blood protozoa causing adverse effects in therapeutic use
E931.5	Other antiprotozoal drugs causing adverse effects in therapeutic use
E931.6	Anthelmintics causing adverse effects in therapeutic use
E931.7	Antiviral drugs causing adverse effects in therapeutic use
E931.8	Other antimycobacterial drugs causing adverse effects in therapeutic use
E931.9	Other and unspecified anti-infectives causing adverse effects in therapeutic use
E932	Hormones and synthetic substitutes causing adverse effects in therapeutic use
E932.0	Adrenal cortical steroids causing adverse effects in therapeutic use
E932.1	Androgens and anabolic congeners causing adverse effects in therapeutic use
E932.2	Ovarian hormones and synthetic substitutes causing adverse effects in therapeutic use
E932.3	Insulins and antidiabetic agents causing adverse effects in therapeutic use
E932.4	Anterior pituitary hormones causing adverse effects in therapeutic use
E932.5	Posterior pituitary hormones causing adverse effects in therapeutic use
E932.6	Parathyroid and parathyroid derivatives causing adverse effects in therapeutic use

E932.7	Thyroid and thyroid derivatives causing adverse effects in therapeutic use
E932.8	Antithyroid agents causing adverse effects in therapeutic use
E932.9	Other and unspecified hormones and synthetic substitutes causing adverse effects in therapeutic use
E933	Primarily systemic agents causing adverse effects in therapeutic use
E933.0	Antiallergic and antiemetic drugs causing adverse effects in therapeutic use
E933.1	Antineoplastic and immunosuppressive drugs causing adverse effects in therapeutic use
E933.2	Acidifying agents causing adverse effects in therapeutic use
E933.3	Alkalizing agents causing adverse effects in therapeutic use
E933.4	Enzymes, not elsewhere classified, causing adverse effects in therapeutic use
E933.5	Vitamins, not elsewhere classified, causing adverse effects in therapeutic use
E933.6	Oral bisphosphonates
E933.7	Intravenous bisphosphonates
E933.8	Other systemic agents, not elsewhere classified, causing adverse effects in therapeutic use
E933.9	Unspecified systemic agent causing adverse effects in therapeutic use
E934	Agents primarily affecting blood constituents causing adverse effects in therapeutic use
E934.0	Iron and its compounds causing adverse effects in therapeutic use
E934.1	Liver preparations and other antianemic agents causing adverse effects in therapeutic use
E934.2	Anticoagulants causing adverse effects in therapeutic use
E934.3	Vitamin k [phytonadione] causing adverse effects in therapeutic use
E934.4	Fibrinolysis-affecting drugs causing adverse effects in therapeutic use
E934.5	Anticoagulant antagonists and other coagulants causing adverse effects in therapeutic use
E934.6	Gamma globulin causing adverse effects in therapeutic use
E934.7	Natural blood and blood products causing adverse effects in therapeutic use
E934.8	Other agents affecting blood constituents causing adverse effects in therapeutic use
E934.9	Unspecified agent affecting blood constituents causing adverse effects in therapeutic use
E935	Analgesics antipyretics and antirheumatics causing adverse effects in therapeutic use
E935.0	Heroin causing adverse effects in therapeutic use
E935.1	Methadone causing adverse effects in therapeutic use
E935.2	Other opiates and related narcotics causing adverse effects in therapeutic use
E935.3	Salicylates causing adverse effects in therapeutic use
E935.4	Aromatic analgesics, not elsewhere classified, causing adverse effects in therapeutic use

E935.5	Pyrazole derivatives causing adverse effects in therapeutic use
E935.6	Antirheumatics [antiphlogistics] causing adverse effects in therapeutic use
E935.7	Other non-narcotic analgesics causing adverse effects in therapeutic use
E935.8	Other specified analgesics and antipyretics causing adverse effects in therapeutic use
E935.9	Unspecified analgesic and antipyretic causing adverse effects in therapeutic use
E936	Anticonvulsants and anti-parkinsonism drugs causing adverse effects in therapeutic use
E936.0	Oxazolidine derivatives causing adverse effects in therapeutic use
E936.1	Hydantoin derivatives causing adverse effects in therapeutic use
E936.2	Succinimides causing adverse effects in therapeutic use
E936.3	Other and unspecified anticonvulsants causing adverse effects in therapeutic use
E936.4	Anti-parkinsonism drugs causing adverse effects in therapeutic use
E937	Sedatives and hypnotics causing adverse effects in therapeutic use
E937.0	Barbiturates causing adverse effects in therapeutic use
E937.1	Chloral hydrate group causing adverse effects in therapeutic use
E937.2	Paraldehyde causing adverse effects in therapeutic use
E937.3	Bromine compounds causing adverse effects in therapeutic use
E937.4	Methaqualone compounds causing adverse effects in therapeutic use
E937.5	Glutethimide group causing adverse effects in therapeutic use
E937.6	Mixed sedatives, not elsewhere classified, causing adverse effects in therapeutic use
E937.8	Other sedatives and hypnotics causing adverse effects in therapeutic use
E937.9	Unspecified sedatives and hypnotics causing adverse effects in therapeutic use
E938	Other central nervous system depressants and anesthetics causing adverse effects in therapeutic use
E938.0	Central nervous system muscle-tone depressants causing adverse effects in therapeutic use
E938.1	Halothane causing adverse effects in therapeutic use
E938.2	Other gaseous anesthetics causing adverse effects in therapeutic use
E938.3	Intravenous anesthetics causing adverse effects in therapeutic use
E938.4	Other and unspecified general anesthetics causing adverse effects in therapeutic use
E938.5	Surface and infiltration anesthetics causing adverse effects in therapeutic use
E938.6	Peripheral nerve- and plexus-blocking anesthetics causing adverse effects in therapeutic use
E938.7	Spinal anesthetics causing adverse effects in therapeutic use
E938.9	Other and unspecified local anesthetics causing adverse effects in therapeutic use
E939	Psychotropic agents causing adverse effects in therapeutic use

E939.0	Antidepressants causing adverse effects in therapeutic use
E939.1	Phenothiazine-based tranquilizers causing adverse effects in therapeutic use
E939.2	Butyrophenone-based tranquilizers causing adverse effects in therapeutic use
E939.3	Other antipsychotics, neuroleptics, and major tranquilizers causing adverse effects in therapeutic use
E939.4	Benzodiazepine-based tranquilizers causing adverse effects in therapeutic use
E939.5	Other tranquilizers causing adverse effects in therapeutic use
E939.6	Psychodysleptics [hallucinogens] causing adverse effects in therapeutic use
E939.7	Psychostimulants causing adverse effects in therapeutic use
E939.8	Other psychotropic agents causing adverse effects in therapeutic use
E939.9	Unspecified psychotropic agent causing adverse effects in therapeutic use
E940	Central nervous system stimulants causing adverse effects in therapeutic use
E940.0	Analeptics causing adverse effects in therapeutic use
E940.1	Opiate antagonists causing adverse effects in therapeutic use
E940.8	Other specified central nervous system stimulants causing adverse effects in therapeutic use
E940.9	Unspecified central nervous system stimulant causing adverse effects in therapeutic use
E941	Drugs primarily affecting the autonomic nervous system causing adverse effects in therapeutic use
E941.0	Parasympathomimetics [cholinergics] causing adverse effects in therapeutic use
E941.1	Parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics causing adverse effects in therapeutic use
E941.2	Sympathomimetics [adrenergics] causing adverse effects in therapeutic use
E941.3	Sympatholytics [antiadrenergics] causing adverse effects in therapeutic use
E941.9	Unspecified drug primarily affecting the autonomic nervous system causing adverse effects in therapeutic use
E942	Agents primarily affecting the cardiovascular system causing adverse effects in therapeutic use
E942.0	Cardiac rhythm regulators causing adverse effects in therapeutic use
E942.1	Cardiotonic glycosides and drugs of similar action causing adverse effects in therapeutic use
E942.2	Antilipemic and antiarteriosclerotic drugs causing adverse effects in therapeutic use
E942.3	Ganglion-blocking agents causing adverse effects in therapeutic use
E942.4	Coronary vasodilators causing adverse effects in therapeutic use
E942.5	Other vasodilators causing adverse effects in therapeutic use
E942.6	Other antihypertensive agents causing adverse effects in therapeutic use
E942.7	Antivaricose drugs, including sclerosing agents, causing adverse effects in therapeutic use
E942.8	Capillary-active drugs causing adverse effects in therapeutic use

E942.9	Other and unspecified agents primarily affecting the cardiovascular system causing adverse effects in therapeutic use
E943	Agents primarily affecting gastrointestinal system causing adverse effects in therapeutic use
E943.0	Antacids and antigastric secretion drugs causing adverse effects in therapeutic use
E943.1	Irritant cathartics causing adverse effects in therapeutic use
E943.2	Emollient cathartics causing adverse effects in therapeutic use
E943.3	Other cathartics, including intestinal atonia drugs, causing adverse effects in therapeutic use
E943.4	Digestants causing adverse effects in therapeutic use
E943.5	Antidiarrheal drugs causing adverse effects in therapeutic use
E943.6	Emetics causing adverse effects in therapeutic use
E943.8	Other specified agents primarily affecting the gastro-intestinal system causing adverse effects in therapeutic use
E943.9	Unspecified agent primarily affecting the gastrointestinal system causing adverse effects in therapeutic use
E944	Water mineral and uric acid metabolism drugs causing adverse effects in therapeutic use
E944.0	Mercurial diuretics causing adverse effects in therapeutic use
E944.1	Purine derivative diuretics causing adverse effects in therapeutic use
E944.2	Carbonic acid anhydrase inhibitors causing adverse effects in therapeutic use
E944.3	Saluretics causing adverse effects in therapeutic use
E944.4	Other diuretics causing adverse effects in therapeutic use
E944.5	Electrolytic, caloric, and water-balance agents causing adverse effects in therapeutic use
E944.6	Other mineral salts, not elsewhere classified, causing adverse effects in therapeutic use
E944.7	Uric acid metabolism drugs causing adverse effects in therapeutic use
E945	Agents primarily acting on the smooth and skeletal muscles and respiratory system causing adverse effects in therapeutic use
E945.0	Oxytocic agents causing adverse effects in therapeutic use
E945.1	Smooth muscle relaxants causing adverse effects in therapeutic use
E945.2	Skeletal muscle relaxants causing adverse effects in therapeutic use
E945.3	Other and unspecified drugs acting on muscles causing adverse effects in therapeutic use
E945.4	Antitussives causing adverse effects in therapeutic use
E945.5	Expectorants causing adverse effects in therapeutic use
E945.6	Anti-common cold drugs causing adverse effects in therapeutic use
E945.7	Antiasthmatics causing adverse effects in therapeutic use
E945.8	Other and unspecified respiratory drugs causing adverse effects in therapeutic use

E946	Agents primarily affecting skin and mucous membrane ophthalmological otorhinolaryngological and dental drugs causing adverse effects in therapeutic use
E946.0	Local anti-infectives and anti-inflammatory drugs causing adverse effects in therapeutic use
E946.1	Antipruritics causing adverse effects in therapeutic use
E946.2	Local astringents and local detergents causing adverse effects in therapeutic use
E946.3	Emollients, demulcents, and protectants causing adverse effects in therapeutic use
E946.4	Keratolytics, keratoplastics, other hair treatment drugs and preparations causing adverse effects in therapeutic use
E946.5	Eye anti-infectives and other eye drugs causing adverse effects in therapeutic use
E946.6	Anti-infectives and other drugs and preparations for ear, nose, and throat causing adverse effects in therapeutic use
E946.7	Dental drugs topically applied causing adverse effects in therapeutic use
E946.8	Other agents primarily affecting skin and mucous membrane causing adverse effects in therapeutic use
E946.9	Unspecified agent primarily affecting skin and mucous membrane causing adverse effects in therapeutic use
E947	Other and unspecified drugs and medicinal substances causing adverse effects in therapeutic use
E947.0	Dietetics causing adverse effects in therapeutic use
E947.1	Lipotropic drugs causing adverse effects in therapeutic use
E947.2	Antidotes and chelating agents, not elsewhere classified, causing adverse effects in therapeutic use
E947.3	Alcohol deterrents causing adverse effects in therapeutic use
E947.4	Pharmaceutical excipients causing adverse effects in therapeutic use
E947.8	Other drugs and medicinal substances causing adverse effects in therapeutic use
E947.9	Unspecified drug or medicinal substance causing adverse effects in therapeutic use
E948	Bacterial vaccines causing adverse effects in therapeutic use
E948.0	Bcg vaccine causing adverse effects in therapeutic use
E948.1	Typhoid and paratyphoid vaccines causing adverse effects in therapeutic use
E948.2	Cholera vaccine causing adverse effects in therapeutic use
E948.3	Plague vaccine causing adverse effects in therapeutic use
E948.4	Tetanus vaccine causing adverse effects in therapeutic use
E948.5	Diphtheria vaccine causing adverse effects in therapeutic use
E948.6	Pertussis vaccine, including combinations with a pertussis component, causing adverse effects in therapeutic use
E948.8	Other and unspecified bacterial vaccines causing adverse effects in therapeutic use

E948.9	Mixed bacterial vaccines, except combinations with a pertussis component, causing adverse effects in therapeutic use
E949	Other vaccines and biological substances causing adverse effects in therapeutic use
E949.0	Smallpox vaccine causing adverse effects in therapeutic use
E949.1	Rabies vaccine causing adverse effects in therapeutic use
E949.2	Typhus vaccine causing adverse effects in therapeutic use
E949.3	Yellow fever vaccine causing adverse effects in therapeutic use
E949.4	Measles vaccine causing adverse effects in therapeutic use
E949.5	Poliomyelitis vaccine causing adverse effects in therapeutic use
E949.6	Other and unspecified viral and rickettsial vaccines causing adverse effects in therapeutic use
E949.7	Mixed viral-rickettsial and bacterial vaccines, except combinations with a pertussis component, causing adverse effects in therapeutic use
E949.9	Other and unspecified vaccines and biological substances causing adverse effects in therapeutic use
V44	Artificial opening status
V45	Other postprocedural states
V45.2	Presence of cerebrospinal fluid drainage device
V45.4	Arthrodesis status
V45.7	postsurgical acquired absence of organ
V45.77	Acquired absence of organ, genital organs
V45.79	Other acquired absence of organ
V45.8	Other postprocedural status
V45.87	Transplanted organ removal status
V45.88	Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facility
V45.89	Other postprocedural status