

Cohort identification of potential anaphylaxis events

To identify a cohort potential anaphylaxis events we follow the criteria published by Walsh and colleagues with two minor modifications: 1) we translate Walsh’s ICD-9 era codes into ICD-10 era codes, and 2) we use a 60-day washout period instead of Walsh’s 30-day period. Walsh defined three distinct criteria or paths by which potential anaphylaxis events were identified. Operational definitions of each path follow.

Path 1 (Wash criterion A)

An inpatient or ED encounter coded with any anaphylaxis diagnosis code (Table 1) when the encounter is preceded by a 60-day period with no known encounters from any setting coded with any of the same anaphylaxis diagnoses (Table 1). Note that we have manually reviewed all ICD-10 diagnosis codes whose descriptions on icd10data.com (as of 5/8/2023) contain the term “anaphylaxis” and determined that no additional ICD-10 diagnoses containing this term are relevant because they are non-specific to anaphylaxis (e.g., T39.395A, “Adverse effect of other nonsteroidal anti-inflammatory drugs [NSAID],” and sub-codes of O88.1, “Anaphylactoid syndrome in pregnancy”).

Path 2 (Walsh criterion B)

An outpatient encounter coded with any anaphylaxis diagnosis code (Table 1) **and**, on the *same calendar day*, at least one code for a symptom, procedure, or treatment that often accompanies anaphylaxis (Table 2, *either* Group I *or* Group II).

Path 3 (Walsh criterion C)

An emergency department or inpatient encounter coded with a diagnosis of allergy unspecified, other unspecified adverse effects of drugs, medicinal and biological substances in therapeutic use (Table 3) **and**, on the *same calendar day (or same stay for inpatient)*, at least one code in Table 2 Group I **and** at least one code in Table 2 Group II.

Table 1. Diagnosis codes for anaphylaxis.							
Used by Walsh?	Used in PheNorm?	ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
		Code type	ICD-9 Code	Code, description	Code type	ICD-10 Code	Code, description
Yes	Yes	ICD-9	995.0	Other anaphylactic shock	ICD-10	T78.2XXA	Anaphylactic shock, unspecified , initial encounter
					ICD-10	T88.6XXA	Anaphylactic reaction due to adverse effect of correct drug or

Table 1. Diagnosis codes for anaphylaxis.

Used by Walsh?	Used in PheNorm?	ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
		Code type	ICD-9 Code	Code, description	Code type	ICD-10 Code	Code, description
							medicament properly administered, initial encounter
No	Yes	ICD-9	995.60	Anaphylactic reaction due to unspecified food	ICD-10	T78.00XA	Anaphylactic reaction due to unspecified food
No	Yes	ICD-9	995.61	Anaphylactic reaction due to peanuts	ICD-10	T78.01XA	Anaphylactic reaction due to peanuts
No	Yes	ICD-9	995.62	Anaphylactic reaction due to crustaceans	ICD-10	T78.02XA	Anaphylactic reaction due to shellfish (crustaceans)
No	Yes	ICD-9	995.65 ^a	Anaphylactic reaction due to fish	ICD-10	T78.03XA	Anaphylactic reaction due to other fish
No	Yes	ICD-9	995.63	Anaphylactic reaction due to fruits and vegetables	ICD-10	T78.04XA	Anaphylactic reaction due to fruits and vegetables
No	Yes	ICD-9	995.64	Anaphylactic reaction due to tree nuts and seeds	ICD-10	T78.05XA	Anaphylactic reaction due to tree nuts and seeds
No	Yes	ICD-9	995.66	Anaphylactic reaction due to food additives	ICD-10	T78.06XA	Anaphylactic reaction due to food additives
No	Yes	ICD-9	995.67	Anaphylactic reaction due to milk products	ICD-10	T78.07XA	Anaphylactic reaction due to milk and dairy products
No	Yes	ICD-9	995.68	Anaphylactic reaction due to eggs	ICD-10	T78.08XA	Anaphylactic reaction due to eggs

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Used by Walsh?	Used in PheNorm?	ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
		Code type	ICD-9 Code	Code, description	Code type	ICD-10 Code	Code, description
No	Yes	ICD-9	995.69	Anaphylactic reaction due to other specified food	ICD-10	T78.09XA	Anaphylactic reaction due to other food products
Yes ^b	Yes	ICD-9	999.41	Anaphylactic shock due to administration of blood/products	ICD-10	T80.51XA	Anaphylactic reaction due to administration of blood/products , initial encounter
Yes ^b	Yes	ICD-9	999.42	Anaphylactic shock due to immunization	ICD-10	T80.52XA	Anaphylactic reaction due to vaccination , initial encounter
Yes ^b	Yes	ICD-9	999.49	Anaphylactic shock due to other serum	ICD-10	T80.59XA	Anaphylactic reaction due to other serum , initial encounter
<p>a. This ICD-9 code is out of order because we ordered this section of the table by the values of the ICD-10 codes beginning with “T78.0.”</p> <p>b. Walsh lists ICD-9 code “999.4” but the ICD-9 code book indicates that this is not a billable code due to the more specific codes below it, which are 999.41, 999.42, and 999.49. We therefore include all three of the more specific codes in our translation of Walsh.</p>							

Table 2. Diagnosis and procedure codes for symptoms, procedures, or treatments that may occur on the same calendar day as an anaphylaxis diagnosis.						
Group	ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
	Code type	Code	Code, description	Code type	Code	Code, description
I	ICD-9	519.11	Bronchospasm	ICD-10	J9801	Bronchospasm

Table 2. Diagnosis and procedure codes for symptoms, procedures, or treatments that may occur on the same calendar day as an anaphylaxis diagnosis.

Group	ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
	Code type	Code	Code, description	Code type	Code	Code, description
	ICD-9	786.1	Stridor	ICD-10	R061	Stridor
II	HCPCS	J1200	Injection of diphenhydramine	HCPCS	J1200	Injection of diphenhydramine
	ICD-9	458.9	Hypotension	ICD-10	I959	Hypotension
	HCPCS	J0170	Injection of epinephrine	HCPCS	J0170	Injection of epinephrine
	HCPCS	J0171	Injection of epinephrine	HCPCS	J0171	Injection of epinephrine
	CPT	92950	CPR procedure	CPT	92950	CPR procedure
	ICD-9 PX	99.60	CPR procedure	ICD-10	5A12012	CPR procedure
				ICD-10	5A1221Z	CPR procedure

Table 3. Diagnosis codes for allergy unspecified, other unspecified adverse effects of drugs, medicinal and biological substances in therapeutic use.

ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
Code type	Code	Code description	Code type	Code	Code description
ICD-9	995.2 ^a	Other unspecified adverse effect of drug	ICD-10	T50905A	Adverse effect of unspecified drugs, medicaments and biological substances, initial encounter
ICD-9	995.22	Unspecified adverse effect of anesthesia	ICD-10	T410X5A	Adverse effect of inhaled anesthetics, initial encounter

Table 3. Diagnosis codes for allergy unspecified, other unspecified adverse effects of drugs, medicinal and biological substances in therapeutic use.

ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
Code type	Code	Code description	Code type	Code	Code description
			ICD-10	T411X5A	Adverse effect of intravenous anesthetics, initial encounter
			ICD-10	T41205A	Adverse effect of unspecified general anesthetics, initial encounter
			ICD-10	T41295A	Adverse effect of other general anesthetics, initial encounter
			ICD-10	T413X5A	Adverse effect of local anesthetics, initial encounter
			ICD-10	T4145XA	Adverse effect of unspecified anesthetic, initial encounter
			ICD-10	T8859XA	Other complications of anesthesia, initial encounter
ICD-9	995.23	Unspecified adverse effect of insulin	ICD-10	T383X5A	Adverse effect of insulin and oral hypoglycemic [antidiabetic] drugs, initial encounter
ICD-9	995.27	Other drug allergy	ICD-10	T50995A	Adverse effect of other drugs, medicaments and biological substances, initial encounter
ICD-9	995.29	Unspecified adverse effect of other drug, medicinal and biological substance	ICD-10	(Several)	See Table 4 below (APPENDIX, ~page 8 below) for the 164 ICD-10 era codes
ICD-9	995.3	Allergy unspecified	ICD-10	T78.40XA	Allergy, unspecified, initial encounter

Table 3. Diagnosis codes for allergy unspecified, other unspecified adverse effects of drugs, medicinal and biological substances in therapeutic use.					
ICD-9 era (for use at KPWA only)			ICD-10 era (for use at VUMC & KPWA)		
Code type	Code	Code description	Code type	Code	Code description
			ICD-10	T78.49XA	Other allergy, initial encounter
ICD-9	E930.* - E949.*	Drugs, medicinal and biological substances causing adverse effects in therapeutic use	None	None	These code(s) do not translate to ICD-10
a. We omitted two ICD-9 codes below 995.2 because we considered them to not be clinically relevant to anaphylaxis; they were 995.21 (Arthus phenomenon) and 995.24 (failed moderate sedation during procedure).					

Table 4 -- A list of codes too long to include in Table 3

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")		
Code type	Code	Description
ICD-10	T360X5A	Adverse effect of penicillins, initial encounter
ICD-10	T361X5A	Adverse effect of cephalosporins and other beta-lactam antibiotics, initial encounter
ICD-10	T362X5A	Adverse effect of chloramphenicol group, initial encounter
ICD-10	T363X5A	Adverse effect of macrolides, initial encounter
ICD-10	T364X5A	Adverse effect of tetracyclines, initial encounter
ICD-10	T365X5A	Adverse effect of aminoglycosides, initial encounter
ICD-10	T366X5A	Adverse effect of rifampicins, initial encounter
ICD-10	T367X5A	Adverse effect of antifungal antibiotics, systemically used, initial encounter
ICD-10	T368X5A	Adverse effect of other systemic antibiotics, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T3695XA	Adverse effect of unspecified systemic antibiotic, initial encounter
ICD-10	T370X5A	Adverse effect of sulfonamides, initial encounter
ICD-10	T371X5A	Adverse effect of antimycobacterial drugs, initial encounter
ICD-10	T372X5A	Adverse effect of antimalarials and drugs acting on other blood protozoa, initial encounter
ICD-10	T373X5A	Adverse effect of other antiprotozoal drugs, initial encounter
ICD-10	T374X5A	Adverse effect of anthelmintics, initial encounter
ICD-10	T375X5A	Adverse effect of antiviral drugs, initial encounter
ICD-10	T378X5A	Adverse effect of other specified systemic anti-infectives and antiparasitics, initial encounter
ICD-10	T3795XA	Adverse effect of unspecified systemic anti-infective and antiparasitic, initial encounter
ICD-10	T380X5A	Adverse effect of glucocorticoids and synthetic analogues, initial encounter
ICD-10	T381X5A	Adverse effect of thyroid hormones and substitutes, initial encounter
ICD-10	T382X5A	Adverse effect of antithyroid drugs, initial encounter
ICD-10	T384X5A	Adverse effect of oral contraceptives, initial encounter
ICD-10	T385X5A	Adverse effect of other estrogens and progestogens, initial encounter
ICD-10	T386X5A	Adverse effect of antigonadotrophins, antiestrogens, antiandrogens, NEC, initial encounter
ICD-10	T387X5A	Adverse effect of androgens and anabolic congeners, initial encounter
ICD-10	T38805A	Adverse effect of unspecified hormones and synthetic substitutes, initial encounter
ICD-10	T38815A	Adverse effect of anterior pituitary [adenohypophyseal] hormones, initial encounter
ICD-10	T38895A	Adverse effect of other hormones and synthetic substitutes, initial encounter
ICD-10	T38905A	Adverse effect of unspecified hormone antagonists, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T38995A	Adverse effect of other hormone antagonists, initial encounter
ICD-10	T39015A	Adverse effect of aspirin, initial encounter
ICD-10	T39095A	Adverse effect of salicylates, initial encounter
ICD-10	T391X5A	Adverse effect of 4-Aminophenol derivatives, initial encounter
ICD-10	T392X5A	Adverse effect of pyrazolone derivatives, initial encounter
ICD-10	T39315A	Adverse effect of propionic acid derivatives, initial encounter
ICD-10	T39395A	Adverse effect of other nonsteroidal anti-inflammatory drugs [NSAID], initial encounter
ICD-10	T394X5A	Adverse effect of antirheumatics, not elsewhere classified, initial encounter
ICD-10	T398X5A	Adverse effect of other nonopioid analgesics and antipyretics, NEC, initial encounter
ICD-10	T3995XA	Adverse effect of unspecified nonopioid analgesic, antipyretic and antirheumatic, initial encounter
ICD-10	T400X5A	Adverse effect of opium, initial encounter
ICD-10	T402X5A	Adverse effect of other opioids, initial encounter
ICD-10	T403X5A	Adverse effect of methadone, initial encounter
ICD-10	T404X5A	Adverse effect of other synthetic narcotics, initial encounter
ICD-10	T405X5A	Adverse effect of cocaine, initial encounter
ICD-10	T40605A	Adverse effect of unspecified narcotics, initial encounter
ICD-10	T40695A	Adverse effect of other narcotics, initial encounter
ICD-10	T407X5A	Adverse effect of cannabis (derivatives), initial encounter
ICD-10	T40905A	Adverse effect of unspecified psychodysleptics [hallucinogens], initial encounter
ICD-10	T40995A	Adverse effect of other psychodysleptics [hallucinogens], initial encounter
ICD-10	T415X5A	Adverse effect of therapeutic gasses, initial encounter
ICD-10	T420X5A	Adverse effect of hydantoin derivatives, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T421X5A	Adverse effect of iminostilbenes, initial encounter
ICD-10	T422X5A	Adverse effect of succinimides and oxazolidinediones, initial encounter
ICD-10	T423X5A	Adverse effect of barbiturates, initial encounter
ICD-10	T424X5A	Adverse effect of benzodiazepines, initial encounter
ICD-10	T425X5A	Adverse effect of mixed antiepileptics, initial encounter
ICD-10	T426X5A	Adverse effect of other antiepileptic and sedative-hypnotic drugs, initial encounter
ICD-10	T4275XA	Adverse effect of unspecified antiepileptic and sedative-hypnotic drugs, initial encounter
ICD-10	T428X5A	Adverse effect of antiparkinsonism drugs & other central muscle-tone depressants, initial encounter
ICD-10	T43015A	Adverse effect of tricyclic antidepressants, initial encounter
ICD-10	T43025A	Adverse effect of tetracyclic antidepressants, initial encounter
ICD-10	T431X5A	Adverse effect of monoamine-oxidase-inhibitor antidepressants, initial encounter
ICD-10	T43205A	Adverse effect of unspecified antidepressants, initial encounter
ICD-10	T43215A	Adverse effect of selective serotonin and norepinephrine reuptake inhibitors, initial encounter
ICD-10	T43225A	Adverse effect of selective serotonin reuptake inhibitors, initial encounter
ICD-10	T43295A	Adverse effect of other antidepressants, initial encounter
ICD-10	T433X5A	Adverse effect of phenothiazine antipsychotics and neuroleptics, initial encounter
ICD-10	T434X5A	Adverse effect of butyrophenone and thiothixene neuroleptics, initial encounter
ICD-10	T43505A	Adverse effect of unspecified antipsychotics and neuroleptics, initial encounter
ICD-10	T43595A	Adverse effect of other antipsychotics and neuroleptics, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T43605A	Adverse effect of unspecified psychostimulants, initial encounter
ICD-10	T43615A	Adverse effect of caffeine, initial encounter
ICD-10	T43625A	Adverse effect of amphetamines, initial encounter
ICD-10	T43635A	Adverse effect of methylphenidate, initial encounter
ICD-10	T43695A	Adverse effect of other psychostimulants, initial encounter
ICD-10	T438X5A	Adverse effect of other psychotropic drugs, initial encounter
ICD-10	T4395XA	Adverse effect of unspecified psychotropic drug, initial encounter
ICD-10	T440X5A	Adverse effect of anticholinesterase agents, initial encounter
ICD-10	T441X5A	Adverse effect of other parasympathomimetics [cholinergics], initial encounter
ICD-10	T442X5A	Adverse effect of ganglionic blocking drugs, initial encounter
ICD-10	T442X5S	Adverse effect of ganglionic blocking drugs, sequela
ICD-10	T443X5A	Adverse effect of other parasympatholytics and spasmolytics, initial encounter
ICD-10	T444X5A	Adverse effect of predominantly alpha-adrenoreceptor agonists, initial encounter
ICD-10	T445X5A	Adverse effect of predominantly beta-adrenoreceptor agonists, initial encounter
ICD-10	T446X5A	Adverse effect of alpha-adrenoreceptor antagonists, initial encounter
ICD-10	T447X5A	Adverse effect of beta-adrenoreceptor antagonists, initial encounter
ICD-10	T448X5A	Adverse effect of centrally-acting and adrenergic-neuron-blocking agents, initial encounter
ICD-10	T44905A	Adverse effect of unspecified drugs primarily affecting the autonomic nervous system, init. enc.
ICD-10	T44905S	Adverse effect of unspecified drugs primarily affecting the autonomic nervous system, sequela

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Code type	Code	Description
ICD-10	T44995A	Adverse effect of other drug primarily affecting the autonomic nervous system, initial encounter
ICD-10	T44995S	Adverse effect of other drug primarily affecting the autonomic nervous system, sequela
ICD-10	T450X5A	Adverse effect of antiallergic and antiemetic drugs, initial encounter
ICD-10	T451X5A	Adverse effect of antineoplastic and immunosuppressive drugs, initial encounter
ICD-10	T452X5A	Adverse effect of vitamins, initial encounter
ICD-10	T453X5A	Adverse effect of enzymes, initial encounter
ICD-10	T454X5A	Adverse effect of iron and its compounds, initial encounter
ICD-10	T45515A	Adverse effect of anticoagulants, initial encounter
ICD-10	T45525A	Adverse effect of antithrombotic drugs, initial encounter
ICD-10	T45605A	Adverse effect of unspecified fibrinolysis-affecting drugs, initial encounter
ICD-10	T45615A	Adverse effect of thrombolytic drugs, initial encounter
ICD-10	T45625A	Adverse effect of hemostatic drug, initial encounter
ICD-10	T45695A	Adverse effect of other fibrinolysis-affecting drugs, initial encounter
ICD-10	T457X5A	Adverse effect of anticoagulant antagonists, vitamin K and other coagulants, initial encounter
ICD-10	T458X5A	Adverse effect of other primarily systemic and hematological agents, initial encounter
ICD-10	T4595XA	Adverse effect of unspecified primarily systemic and hematological agent, initial encounter
ICD-10	T460X5A	Adverse effect of cardiac-stimulant glycosides and drugs of similar action, initial encounter
ICD-10	T461X5A	Adverse effect of calcium-channel blockers, initial encounter
ICD-10	T462X5A	Adverse effect of other antidysrhythmic drugs, initial encounter
ICD-10	T463X5A	Adverse effect of coronary vasodilators, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T464X5A	Adverse effect of angiotensin-converting-enzyme inhibitors, initial encounter
ICD-10	T465X5A	Adverse effect of other antihypertensive drugs, initial encounter
ICD-10	T466X5A	Adverse effect of antihyperlipidemic and antiarteriosclerotic drugs, initial encounter
ICD-10	T467X5A	Adverse effect of peripheral vasodilators, initial encounter
ICD-10	T468X5A	Adverse effect of antivaricose drugs, including sclerosing agents, initial encounter
ICD-10	T46905A	Adverse effect of unspecified agents primarily affecting the cardiovascular system, initial encounter
ICD-10	T46995A	Adverse effect of other agents primarily affecting the cardiovascular system, initial encounter
ICD-10	T470X5A	Adverse effect of histamine H2-receptor blockers, initial encounter
ICD-10	T471X5A	Adverse effect of other antacids and anti-gastric-secretion drugs, initial encounter
ICD-10	T472X5A	Adverse effect of stimulant laxatives, initial encounter
ICD-10	T473X5A	Adverse effect of saline and osmotic laxatives, initial encounter
ICD-10	T474X5A	Adverse effect of other laxatives, initial encounter
ICD-10	T475X5A	Adverse effect of digestants, initial encounter
ICD-10	T476X5A	Adverse effect of antidiarrheal drugs, initial encounter
ICD-10	T477X5A	Adverse effect of emetics, initial encounter
ICD-10	T478X5A	Adverse effect of other agents primarily affecting gastrointestinal system, initial encounter
ICD-10	T4795XA	Adverse effect of unspecified agents primarily affecting the gastrointestinal system, initial encounter
ICD-10	T480X5A	Adverse effect of oxytocic drugs, initial encounter
ICD-10	T481X5A	Adverse effect of skeletal muscle relaxants [neuromuscular blocking agents], initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T48205A	Adverse effect of unspecified drugs acting on muscles, initial encounter
ICD-10	T48295A	Adverse effect of other drugs acting on muscles, initial encounter
ICD-10	T483X5A	Adverse effect of antitussives, initial encounter
ICD-10	T484X5A	Adverse effect of expectorants, initial encounter
ICD-10	T485X5A	Adverse effect of other anti-common-cold drugs, initial encounter
ICD-10	T486X5A	Adverse effect of antiasthmatics, initial encounter
ICD-10	T48905A	Adverse effect of unspecified agents primarily acting on the respiratory system, initial encounter
ICD-10	T48995A	Adverse effect of other agents primarily acting on the respiratory system, initial encounter
ICD-10	T490X5A	Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, initial encounter
ICD-10	T491X5A	Adverse effect of antipruritics, initial encounter
ICD-10	T492X5A	Adverse effect of local astringents and local detergents, initial encounter
ICD-10	T493X5A	Adverse effect of emollients, demulcents and protectants, initial encounter
ICD-10	T494X5A	Adverse effect of keratolytics, keratoplastics, & other hair treatment drugs & prep's, initial encounter
ICD-10	T495X5A	Adverse effect of ophthalmological drugs and preparations, initial encounter
ICD-10	T496X5A	Adverse effect of otorhinolaryngological drugs and preparations, initial encounter
ICD-10	T497X5A	Adverse effect of dental drugs, topically applied, initial encounter
ICD-10	T498X5A	Adverse effect of other topical agents, initial encounter
ICD-10	T4995XA	Adverse effect of unspecified topical agent, initial encounter
ICD-10	T500X5A	Adverse effect of mineralocorticoids and their antagonists, initial encounter
ICD-10	T501X5A	Adverse effect of loop [high-ceiling] diuretics, initial encounter

Table 4. The set of 164 distinct ICD-10 codes that map to ICD-9 code 995.29 ("Unspecified adverse effect of other drug, medicinal or biological substance.")

Code type	Code	Description
ICD-10	T502X5A	Adverse effect of carbonic-anhydrase inhibitors, benzothiadiazides & other diuretics, initial encounter
ICD-10	T503X5A	Adverse effect of electrolytic, caloric and water-balance agents, initial encounter
ICD-10	T504X5A	Adverse effect of drugs affecting uric acid metabolism, initial encounter
ICD-10	T505X5A	Adverse effect of appetite depressants, initial encounter
ICD-10	T506X5A	Adverse effect of antidotes and chelating agents, initial encounter
ICD-10	T507X5A	Adverse effect of analeptics and opioid receptor antagonists, initial encounter
ICD-10	T508X5A	Adverse effect of diagnostic agents, initial encounter
ICD-10	T50905A	Adverse effect of unspecified drugs, medicaments and biological substances, initial encounter
ICD-10	T50A15A	Adverse effect of pertussis vaccine, incl. combinations with a pertussis component, initial encounter
ICD-10	T50A25A	Adverse effect of mixed bacterial vaccines without a pertussis component, initial encounter
ICD-10	T50A95A	Adverse effect of other bacterial vaccines, initial encounter
ICD-10	T50B15A	Adverse effect of smallpox vaccines, initial encounter
ICD-10	T50B95A	Adverse effect of other viral vaccines, initial encounter
ICD-10	T50Z15A	Adverse effect of immunoglobulin, initial encounter
ICD-10	T50Z95A	Adverse effect of other vaccines and biological substances, initial encounter
ICD-10	T887XXA	Unspecified adverse effect of drug or medicament, initial encounter