

Instruction Manual Part 2b
Instructions for Classifying the Multiple Causes of Death
Errata for Year 2010

Page#	Content to be Corrected	Corrections
82	First example, changed explanation	Corrected page attached
86	Intent of Certifier #1, Instruction a, changed code in 1 st line and added Exception.	Corrected page attached
103	Intent of Certifier #12, changed column format.	Corrected page attached
115	Changed line (b) of 1 st example.	Corrected page attached
335	2 nd example changed code on (a) to T828	Corrected page attached
392	Rearranged terms under RAD	Corrected page attached
425	Last example, changed code on I(b)	Corrected page attached

SECTION II

General Instructions

Part O

Relating and Modifying Conditions

- | | |
|---------------------------|------|
| I (a) Laceration heart | I518 |
| (b) Myocardial infarction | I219 |
| (c) | |

Consider laceration of heart as nontraumatic and code to other ill-defined heart diseases.

- | | |
|-------------------------|------|
| I (a) Subdural hematoma | I620 |
| (b) CVA | I64 |
| (c) | |

Code Hematoma, subdural, nontraumatic (I620) as indexed.

- | | |
|---------------------|------|
| I (a) Injury liver | K768 |
| (b) Viral hepatitis | B199 |
| (c) | |

Code injury, liver as nontraumatic (K768) other specified diseases of liver.

- | | |
|-----------------------------------|-----------|
| I (a) Cardiorespiratory failure | R092 |
| (b) Intracerebral hemorrhage | I619 |
| (c) Meningioma, subdural hematoma | D329 I620 |

Code subdural hematoma as nontraumatic since it is reported on the same line with a disease.

- | | |
|------------------------------------|-----------|
| I (a) Liver failure | K7290 |
| (b) Cirrhosis with injury to liver | K746 K768 |
| (c) | |

Code injury to liver as nontraumatic since it is reported on the same line with a disease.

- | | |
|--------------------------------------|-----------|
| I (a) Cerebral arteriosclerosis with | I672 I620 |
| (b) subdural hematoma | |

Code subdural hematoma as nontraumatic since it is reported on the same line with a disease.

- b. Some conditions are indexed directly to a traumatic category but the Classification also provides a nontraumatic code. When these conditions are reported due to or with a disease and an external cause is reported on the record or the Manner of Death box is checked as Accident, Homicide, Suicide, Pending Investigation or could not be determined, code the condition as traumatic.

In order to assign the most appropriate code for a given diagnostic entity, it may be necessary to take other recorded information and the order in which the information is reported into account. It is important to interpret this information properly so the meaning intended by the certifier is correctly conveyed. The objective is to code each diagnostic entity in accordance with the intent of the certifier without combining separate codable entities. The following instructions help to determine the intent of the certifier. Apply Intent of Certifier instructions to “See also” terms in the Index as well.

1. Other and unspecified gastroenteritis and colitis of unspecified origin (A099)

a. Code A090 (Gastroenteritis and colitis of infectious origin)

When reported due to:

A000-B99
R75
Y431-Y434
Y632
Y842

I	(a) Enteritis	A090
	(b) Listeriosis	A329

Code I(a) gastroenteritis and colitis of infectious origin, A090, since enteritis is reported due to a condition classified to A329.

EXCEPTION: When the enteritis is reported due to another infectious condition or an organism classified to A49 or B34, refer to Section III, 6. Organisms and Infections.

b. Code K529 (Noninfective gastroenteritis and colitis, unspecified)

When reported due to:

C000-K929
L272
M000-N999
P000-R749
R760-Y430
Y435-Y631
Y633-Y841
Y843-Y899

I	(a) Enteritis	K529
	(b) Abscess of intestine	K630

Code I(a) noninfective gastroenteritis and colitis, unspecified, K529, since enteritis is reported due to a condition classified to K630.

I	(a) Colitis	A099
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Code I(a) gastroenteritis and colitis of unspecified origin, A099, as indexed.

12. Thrombocytopenia (D696)

Code D695 (Secondary thrombocytopenia):

When reported due to:

A000-D447	E755-E756	G361	L448	P221-P289
D448	E768-E779	G373-G374	L590	P350-P399
D449-D509	E782	G450-G452	L818	P550-P560
D510	E798	G454-G459	L946	P570
D511-D691	E803	G540	M021	P610
D692	E835	G903	M023	P614
D693-D699	E871	G92	M050-M089	P916
D730-D752	E880	G933	M101	Q204-Q205
D758	E888	G936	M120	Q206
D759-D763	E890	G938	M138	Q208
D814	E898	G951	M159	Q209
D820	F100	G958	M199-M1990	Q210
D821	F101-F102	G961	M219	Q220-Q246
D840	F110	I00-I019	M300	Q248
D841-D848	F111-F112	I10-I629	M301-M329	Q249
D860-D892	F119	I630-I6300	M352	Q289
E000-E009	F120	I631-I6310	M898	Q758
E018-E02	F121-F122	I633-I677	N000-N078	Q775-Q776
E031-E033	F130	I678-I679	N079	Q778
E034	F131-F132	I690-I891	N10-N219	Q779-Q783
E035-E0390	F140	I898	N250-N311	Q788-Q789
E055	F141-F142	I899-I972	N312-N319	Q798
E059	F150	I978	N320-N390	Q828
E071	F151-F152	I99	N392	Q850
E230	F160	J00	N398-N399	R001
E349	F161-F162	J020	N980-N989	R008
E46	F180-F181	J030	N991	R012
E538	F182	J040-J042	O360-O369	R161-R162
E539-E54	F190-F191	J069	O430-O431	R233
E560-E639	F192	J09-J118	O438	R291
E642	F55	J65	O439-O469	R31
E648	G000-G032	K658	O60	R398
E649	G038-G039	K660-K661	O670-O689	R58-R5800
E713	G040	K700-K769	O700-O719	R75
E740	G042-G048	K908	O908	R771
E750	G049-G060	K920-K921	O980-O981	R780
E752	G061-G09	K922	P070-P073	R788
E753	G312	L081	P219	R798

SECTION III**Intent of Certifier**

R825	T66-T670	T950-T97	X65	Y658
R826	T68	T981	X69-Y369	Y66-Y831
R827-R828	T752	T983	Y400-Y601	Y840
R829	T780-T783	V010-V99	Y603	Y842
R893	T784	W00-W53	Y605	Y848-Y849
R897	T788-T789	W54-W56	Y610-Y611	Y850-Y872
T200	T803-T804	W57	Y613	Y880-Y881
T201-T289	T808-T809	W58-W87	Y615	Y890-Y891
T300	T818	W88-W93	Y617	Y899
T301-T329	T881	W94-X19	Y620-Y621	
T360-T658	T882-T883	X20-X32	Y623	
T659	T885	X34-X39	Y625	
T66-T670	T886-T888	X40-X48	Y630-Y633	
T68	T889	X49-X599	Y640-Y655	

I (a) Multiple hemorrhages	R5800
(b) Thrombocytopenia	D695
(c) Cancer lung	C349

21. Dissociative Disorder (F449)

Code F065 (Organic dissociative disorder):

When reported due to conditions classifiable to the following categories:

A000-E899	L88	R042-R048
F065	L920	R060-R065
G000-G98	L928-L932	R068
H600-H709	L951	R090-R091
H720-H739	L980-L981	R291
I00-J989	M000-N459	R54
K20-L109	N490-N809	R600-R609
L120-L449	N990-N992	R75
L510-L599	N994-Q999	S000-Y899
L710-L719	R02	

I (a) Dissociative disorder	F065
(b) Remote subdural hematoma	T905
(c) Car accident	&Y850

Code I(a) organic dissociative disorder, F065, since reported due to an injury.

I (a) Dissociative disorder	F065
(b) Senility	R54

Code I(a) organic dissociative disorder, F065, since reported due to senility.

22. Personality Disorder (F609)
Personality Change (Enduring) (F629)

Code F070 (Organic personality disorder):

When reported due to conditions classifiable to the following categories:

A000-E899	N490-N809	S440-S499	T093-T10
F070	N990-Q999	S510-S529	T111
G000-G98	R54	S540-S599	T113-T12
I00-J989	R75	S610-S628	T131
K20-L109	S010-S029	S640-S699	T133-T139
L120-L449	S040-S050	S710-S729	T141-T142
L510-L599	S052-S099	S740-S799	T144-T329
L710-L719	S110-S129	S810-S829	T340-T349
L88	S140-S199	S840-S899	T351-T889
L920	S210-S229	S910-S929	T901-T922
L928-L932	S240-S299	S940-S999	T924-T932
L951	S310-S328	T012-T029	T934-Y899
L980-L981	S340-S399	T041-T08	
M000-N459	S410-S429	T091	

<u>Place</u>	I (a) Personality disorder	F070
9	(b) Head injury	S099
	(c) Assault	&Y09

Code I(a) organic personality disorder, F070, since reported due to a head injury.

I (a) Personality disorder	F070
(b) Meningioma brain	D320

Code I(a) organic personality disorder, F070, since reported due to a meningioma brain.

I (a) Personality change	F070
(b) Jakob-Creutzfeldt Syndrome	A810

Code I(a) organic personality disorder, F070, since reported due to Jakob-Creutzfeldt Syndrome.

SECTION V

**Effects of External Cause of Injury and
External Causes of Injury and Poisoning
Complications of Medical and Surgical Care**

Part R

Surgical procedure that indicates an organ or site with one related condition for which the surgery could have been performed, code:

the complication to Chapters I-XIX, the surgery to the appropriate external cause code (Y83-) preceded by an ampersand, if required. Code the condition for which surgery could have been performed and precede with an ampersand.

- | | |
|---------------------------|-------|
| I (a) MI | T818 |
| (b) Gastrectomy | &Y836 |
| II Bleeding gastric ulcer | &K254 |

Code I(a), MI, as the complication of the surgery. Code I(b), gastrectomy, Y836, as indexed and precede with an ampersand. Code Part II, bleeding gastric ulcer, as indexed and precede with an ampersand to indicate it was the condition for which surgery was performed.

- | | |
|----------------------|-------|
| I (a) Cardiac arrest | T828 |
| (b) CABG | &Y832 |
| II Heart disease | &I519 |

Code I(a), cardiac arrest, as the complication of the surgery. Code I(b), CABG, Y832 as indexed and precede with an ampersand. Code Part II, heart disease, as indexed and precede with an ampersand to indicate it was the condition for which surgery was performed.

Surgical procedure that indicates an organ or site without a related condition for which the surgery could have been performed, code:

the complication to Chapters I-XIX, the surgery to the appropriate external cause code (Y83-) preceded by an ampersand, if required, and code disease of the organ or site following the external cause code for the surgery. Place an ampersand preceding the code for the condition.

- | | |
|----------------------|------------|
| I (a) Cardiac arrest | I469 |
| (b) Pneumonia | J958 |
| (c) Pancreatectomy | Y836 &K869 |

Code I(a), cardiac arrest, as indexed. Code I(b), pneumonia, as the complication of the surgery. Code I(c), pancreatectomy, as indexed, and since the surgery indicates a disease of the pancreas, code this as the reason for surgery. Precede K869 by an ampersand.

SECTION V

**Effects of External Cause of Injury and
External Causes of Injury and Poisoning
Complications of Medical and Surgical Care**

Part R

Prophylactic or nontherapeutic surgery, code:

the complication to Chapters I-XIX, and the surgery to the appropriate external cause code (Y83-) preceded by an ampersand, if required. Do not assume or ampersand a disease condition. When the complication is classifiable to Chapters I-XVIII, precede the code for the complication with an ampersand.

- | | | |
|----|-----------------|-------|
| I | (a) Sepsis | A419 |
| | (b) Infection | T814 |
| | (c) Liposuction | &Y838 |
| II | | |

Code I(a), sepsis, as indexed. Code I(b), infection, as the complication of the nontherapeutic surgery. Code I(c) as a specified type of surgical operation.

c. Conditions qualified as postoperative

- (1) When the following postoperative terms or a synonymous term qualifies a condition, determination must be made as to whether the condition is a surgical complication or the condition for which the surgery was performed.

p.o	postoperative	status postop
post-named surgery	status p.o.	status postoperative
(postgastrectomy)	status post-named surgery	status post surgery
postop	(status post gastrectomy)	

- (2) The following conditions are common complications of surgery. Code these conditions as postoperative complications when preceded by or followed by one of the postoperative terms except when it is stated elsewhere on the certificate as the reason the surgery was performed.

abscess	hemorrhage, hematoma	sepsis
adhesions	infarction	septicemia
aspiration	infection	septic shock
atelectasis	occlusion	shock
bowel obstruction	peritonitis	thrombophlebitis
cardiac arrest	phlebitis, phlebothrombosis	thrombosis
embolism	pneumonia	wound infection
fistula	pneumothorax	
gas gangrene	renal failure (acute)	
hemolysis, hemolytic		
infection		

This list is not all inclusive.

APPENDIX A

Standard Abbreviations and Symbols

PAP	primary atypical pneumonia	PIE	pulmonary interstitial emphysema
PAS	pulmonary artery stenosis	PIP	proximal interphalangeal joint
PAT	pregnancy at term; paroxysmal auricular tachycardia	PKU	phenylketonuria
Pb	chemical symbol for lead	PMD	progressive muscular dystrophy
PCD	polycystic disease	PMI	posterior myocardial infarction; point of maximum impulse
PCF	passive congestive failure	PML	progressive multifocal leukoencephalopathy
PCP	pentachlorophenol; pneumocystis carinii pneumonia	PN	pneumonia; periarteritis nodosa; pyelonephritis
PCT	porphyria cutanea tarda	PO	postoperative
PCV	polycythemia vera	POC	product of conception
PDA	patent ductus arteriosus	POE	point (or portal) of entry
PE	pulmonary embolism; pleural effusion; pulmonary edema	PP	postpartum
PEG	percutaneous endoscopic gastrostomy; pneumoencephalography	POSS	possible; possibly
PEGT	percutaneous endoscopic gastrostomy tube	PPD	purified protein derivative test for tuberculosis
PET	pre-eclamptic toxemia	PPH	postpartum hemorrhage
PG	pregnant; prostaglandin	PPLO	pleuropneumonia-like organism
PGH	pituitary growth hormone	PPS	postpump syndrome
PH	past history; prostatic hypertrophy; pulmonary hypertension	PPT	precipitated; prolonged prothrombin time
PI	pulmonary infarction	PREM	prematurity
PID	pelvic inflammatory disease; prolapsed intervertebral disc	PROB	probably

SECTION V**Effects of External Cause of Injury and
External Causes of Injury and Poisoning
Complications of Medical and Surgical Care****Part R**

PROM	premature rupture of membranes	PWMI	posterior wall myocardial infarction
PSVT	paroxysmal supraventricular tachycardia	PX	pneumothorax
PT	paroxysmal tachycardia; pneumothorax; prothrombin time	R	right
PTA	persistent truncus arteriosus	RA	rheumatoid arthritis; right atrium; right auricle
PTC	plasma thromboplastin component	RAAA	ruptured abdominal aortic aneurysm
PTCA	percutaneous transluminal coronary angioplasty	RAD	rheumatoid arthritis disease; radiation absorbed dose
PTLA	percutaneous transluminal laser angioplasty	RAI	radioactive iodine
PU	peptic ulcer	RBBB	right bundle branch block
PUD	peptic ulcer disease; pulmonary disease	RBC	red blood cells
PUO	pyrexia of unknown origin	RCA	right coronary artery
P&V	pyloroplasty and vagotomy	RCS	reticulum cell sarcoma
PVC	premature ventricular contraction	RD	Raynaud's disease; respiratory disease
PVD	peripheral vascular disease; pulmonary vascular disease	RDS	respiratory distress syndrome
PVI	peripheral vascular insufficiency	RE	regional enteritis
PVL	periventricular leukomalacia	REG	radioencephalogram
PVT	paroxysmal ventricular tachycardia	RESP	respiratory
PVS	premature ventricular systole (contraction)	RHD	rheumatic heart disease
PWI	posterior wall infarction		

APPENDIX H

Additional Drug Examples

12. Place I (a) Acute combined drug intoxication T509 &X44
9 (b) (oxycodone, with diazepam and ethyl T402 X45 T424 T510
(c) alcohol)

MOD II T509 F109

A

Accident

Took drugs and drank alcoholic beverages

Code the nature of injury for drug NOS as first entry on I(a). Since the drugs are assigned to different external cause codes, code X44. Code the nature of injury for each drug reported on I(b) and the nature of injury and external cause for alcohol. Code the nature of injury for drug NOS and code alcohol as indexed under Drinking, drank (alcohol).

13. Place I (a) Acute intoxication due to ethanol T510
9 (b) abuse, opiate abuse F101 F111
MOD II Drug reaction T509 X44 &X45

A

Accident

Code I(a) to the nature of injury code for ethanol since this is the first substance reported in the “due to” position. Code I(b) as indexed. Code Part II to drug poisoning since drug NOS is reported and the certifier stated the death was due to an accident. Code the external code for ethanol poisoning as the last code in Part II and precede with an ampersand.

14. Place I (a) Intoxication T402
9 (b) Morphine, Cocaine poisoning T402 &X42 T405

Code I(a) to the nature of injury code for morphine since this is the first substance reported in the “due to” position. Code the nature of injury and external cause code for morphine and cocaine on I(b).

15. Place I (a) Acute intoxication due to the T404
9 (b) combined effects of fentanyl T404 &X42 T406
(c) and opiates

Code I(a) to the nature of injury code for fentanyl since this is the first substance reported in the due to position. Code the nature of injury and external cause code for fentanyl and opiates on I(b).

APPENDIX H

Additional Drug Examples

16.	<u>Place</u> 9 <u>MOD</u> A	I (a) Cardiac arrhythmia associated with hydroxyzine (b) injection (c) II Hydroxyzine injection	I499 T435 &X41 T435
		Accident	

Code first condition on I(a) as indexed. Code hydroxyzine injection as poisoning since it is a psychotropic drug and the certifier reported the death was due to an accident. Code nature of injury for hydroxyzine Part II.

17.	I (a) Cardiac arrhythmia associated with hydroxyzine (b) injection (c) II Hydroxyzine injection	I499
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Code first condition on I(a) as indexed. No code required for the hydroxyzine injection since no complication is reported. It is considered drug therapy since the certifier did not report accident or undetermined in the manner of death block.

18.	<u>Place</u> 9 <u>MOD</u> A	I (a) Acute cardiac arrhythmia precipitated by (b) cocaine and opiates (c) II Drug abuse, cocaine and opiates	I499 T405 &X42 T406 F141 F111
		Accident	

Code first condition on I(a) as indexed. Code cocaine and opiates as poisoning since the drugs are narcotics and the certifier reported the death was due to an accident. Code the nature of injury and external cause code for cocaine and opiate poisoning. Since the drugs are assigned to the same external cause code, code X42. Code cocaine abuse and opiates abuse as indexed in Part II.

19.	<u>Place</u> 9	I (a) Acute intravenous narcotism (heroin) (b) II Methadone overdose, heroin injection	F112 T403 &X42 T401
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Code I(a) F112, acute intravenous heroin narcotism. Consider the methadone overdose and heroin injection as poisoning. Heroin is not used for medical care purposes.