Cause-of-death - Background, Examples, and Common Problems

Accurate cause of death information is important

to the public health community in evaluating and improving the health of all citizens, and
often to the family, now and in the future, and to the person settling the decedent's estate

The cause-of-death section consists of two parts. Part I is for reporting a chain of events leading directly to death, with the Immediate cause of death (the final disease, injury, or complication directly causing death) on line a and the underlying cause of death (the disease or injury that initiated the chain of events that led directly and inevitably to death) on the lowest used line. Part II is for reporting all other significant diseases, conditions, or injuries that contributed to death but which did not result in the underlying cause of death given in Part I. The cause-of-death information should be YOUR best medical OPINION. A condition can be listed as "probable" even if it has not been definitively diagnosed.

amples of properly comp	leted medical certif	ication:	S				
CAUSE OF DEATH (See instructions and examples) 32. PART I. Enter the chain of events —diseases, injuries, or complications—that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line. Add additional lines if necessary.							Approximate interval: Onset to death
IMMEDIATE CAUSE (Final disease or condition> resulting in death)	`						<u>Minutes</u>
Sequentially list conditions, if any, leading to the cause listed on line a. Enter the	leading to the cause in line a. Enter the RLYING CAUSE c. Coronary artery thrombosis be or injury that Due to (or as a consequence of):						6 days
UNDERLYING CAUSE (disease or injury that initiated the events resulting							5 years
in death) LAST							
PART II. Enter other significant conditions contributing to death but not resulting in the underlying cause given in PART I 33. WAS AN AUTOPSY PERFORMED							?
Diabetes, Chronic obstructive pulmonary disease, smoking 34. WERE AUTOPSY FINDINGS A COMPLETE THE CAUSE OF DEAT							
35. DID TOBACCO USE CON	TRIBUTE TO DEATH?	36. IF FE	EMALE: pregnant within past year	37. MANNE	R OF DEATH		
■ Yes □ Probably □ No □ Unknown	ably □ Pregnant at time of death □ Natural □ Homicide □ Not pregnant, but pregnant within 42 days of death □ Pending Investigation						
CAUSE OF DEATH (See instructions and examples) 22. PART I. Enter the chain of events —diseases, injuries, or complications—that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line. Add additional lines if necessary.							Approximate interval: Onset to death
IMMEDIATE CAUSE (Final disease or condition							2 Days
Sequentially list conditions, if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE (disease or injury that initiated the events resulting in death) LAST d. Motor vehicle accident							7 weeks 7 weeks
PART II. Enter other significant	conditions contributing to	death bu	t not resulting in the underlying cause given in PART I		33. WAS AN AUTOPSY PER	RFORMED	
					■ Yes □ No 34. WERE AUTOPSY FINDII COMPLETE THE CAUSE OF		
35. DID TOBACCO USE CON ☐ Yes ☐ Probably ■ No ☐ Unknown	□ Not pregnant, but pregnant within 42 days of death ■ Accident □ Pending Investigation						
38. DATE OF INJURY (Mo/Day/Yr) (Spell Month)	39. TIME OF INJURY		40. PLACE OF INJURY (e.g., Decedent's home; construc	ction site; res	taurant; wooded area)	41. INJU	RY AT WORK?
August 15, 2003	Approx. 2320		road side near state highway			□ Yes	■ No
42. LOCATION OF INJURY: S	State: Missouri		City or Town: near Alexandria				
Street & Number: mile marker			Apartment No.:	Z	ip Code:		
43. DESCRIBE HOW INJURY OCCURRED: Decedent driver of van, ran off road into tree Driver/Operator Passenger Pedestrian Other (Specify)						INJURY, S	PECIFY:
earch. Age is recorded elsewhere	clear and distinct etiolog e on the certificate. Wher conditions in Part II. If af	n a numb ter carefu	ence for cause of death, if possible. Terms such as senee er of conditions resulted in death, the physician should ch ul consideration the physician cannot determine a sequenc ause of death.	oose the sing	le sequence that, in his or her of	pinion, be	st describes the process le

The rese dea nedical

The infant decedent should have a clear and distinct etiological sequence for cause of death, if possible. "Prematurity" should not be entered without explaining the etiology of prematurity. Maternal conditions may have initiated or affected the sequence that resulted in infant death, and such maternal causes should be reported in addition to the infant causes on the infant's death certificate (e.g., Hyaline membrane disease due to prematurity, 28 weeks due to placental abruption due to blunt trauma to mother's abdomen).

When **SIDS** is suspected, a complete investigation should be conducted, typically by a medical examiner or coroner. If the infant is under 1 year of age, no cause of death is determined after scene investigation, clinical history is reviewed, and a complete autopsy is performed, then the death can be reported as Sudden Infant Death Syndrome.

When processes such as the following are reported, additional information about the etiology should be reported:

Carcinomatosis Disseminated intra vascula Hyponatremia Pulmonary arrest Abdominal hemorrhage Cardiac arrest coagulopathy Hypotension Immunosuppression Pulmonary edema Adhesions Cardiac dysrhythmia Dvsrhvthmia Pulmonary embolism Adhesions
Adult respiratory distress syndrome
Acute myocardial infarction
Altered mental status
Anemia
Anoxia
Anoxic encephalopathy
Arrhythmia
Ascites
Aspiration
Atrial fibrillation
Bacteremia Cardiac dysrhythmia
Cardiomyopathy
Cardiopulmonary arrest
Cellulitis
Cerebral edema
Cerebrovascular accident
Cerebellar tonsillar herniation
Chronic bedridden state
Cirrhosis
Capaulionathy Dysrhythmia
End-stage liver disease
End-stage renal disease
End-stage renal disease
Epidural hematoma
Exsanguination
Failure to thrive
Fracture
Gangrene
Gastrointestinal hemorrhage
Heart failure
Hemothorax
Heoatic failure Immunosuppression Increased intra cranial pressure Intra cranial hemorrhage Malnutrition Metabolic encephalopathy Multi-organ failure Multi-system organ failure Myocardial infarction Necrotizing soft-tissue infection Old age Pulmonary insufficiency Renal failure Respiratory arrest Seizures Seizures
Sepsis
Sepsis
Septic shock
Shock
Starvation
Subdural hematoma
Subarachnoid hemorrhage Cirrhosis
Coagulopathy
Compression fracture
Congestive heart failure
Convulsions
Decubiti Old age Open (or closed) head injury Paralysis Pancytopenia Perforated gallbladder Bacteremia Bedridden Biliary obstruction Hepatic failure Sudden death Thrombocytopenia Hepatitis Hepatorenal syndrome Uncal herniation Dehydration Dementia (when not Urinary tract infection Ventricular fibrillation Bowel obstruction Hyperglycemia Hyperkalemia Peritonitis Pleural effusions Brain injury Brain stem herniation otherwise specified) Hypovolemic shock Ventricular tachycardia Diarrhea Carcinogenesis Volume depletion

If the certifier is unable to determine the etiology of a process such as those shown above, the process must be qualified as being of an unknown, undetermined, probable, presumed, or unspecified etiology so it is clear that a distinct etiology was not inadvertently or carelessly omitted.

The following conditions and types of death might seem to be specific or natural but when the medical history is examined further may be found to be complications of an injury or poisoning (possibly occurring long ago). Such cases should be reported to the medical examiner/coroner.

Asphyxia Epidural hematoma Hip fracture Pulmonary emboli Subdural hematoma Seizure disorder Surgery
Choking Fall Hypothermia Seizure disorder Surgery
Thermal burns/chemical burns
Drug or alcohol overdose/drug or alcohol overdose/drug or alcohol abuse