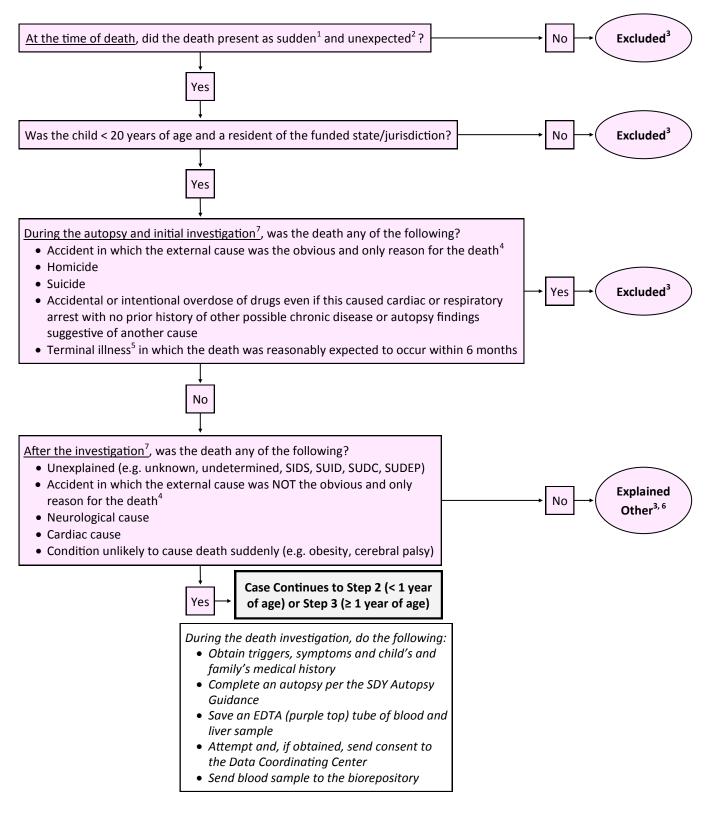
SDY Case Registry Algorithm-Step One



¹Death within 24 hours of first symptom or death in hospital after resuscitation from a cardiac event.

²Death of someone who was believed to be in good health or had a stable chronic condition or had an acute illness that would not be expected to cause death.

³No consent necessary, but if consent was obtained, send in sample and consent, and retain all data entered into the Case Reporting System (CRS).

⁴Cases in which the underlying cause of the accident (e.g. drowning, infant suffocation, drivers in motor vehicle crashes, etc.) may be cardiac or neurological in origin should not be considered an 'accident in which the external cause was the obvious and only reason for the death' and should continue to Step 2 or 3.

⁵Diagnosis prior to death that is incurable and irreversible.

⁶At a minimum follow state/local Child Death Review protocol; no Advanced Review necessary.

⁷Investigation is defined as any attempt, by any agency, to seek information about the death.

SDY Case Registry Algorithm Step Two Cases from Step 1 (< 1 year of age) Does the infant death meet the criteria for SUID Case Registry categorization? Cases are those where the Explained, death certificate indicates the cause as unknown, undetermined, SIDS, SUID, unintentional sleep-related as-No Exclude* phyxia /suffocation/strangulation, unspecified suffocation, cardiac or respiratory arrest without other well-defined causes, or unspecified causes with potentially contributing unsafe sleep factors. Yes Unexplained, No No **Autopsy or Death** Autopsy and death scene investigation done? **Scene Investigation** Yes Unexplained, Detailed information about where and how the body was found (position, sleep surface, soft bedding), AND toxicology, x-ray, and pathology (including histology, microbiology or other pathology such as **Incomplete Case** No Information genetic testing, but not solely gross examination) were performed and documented. Yes Unexplained, No Any unsafe sleep factors? Examples: soft objects or loose bedding (e.g. pillow, blanket, bumper pads), **Unsafe Sleep** No not in a crib, portable crib or bassinette, shared sleep surface, found non-supine, or other suffocation or Factors^{1,} * strangulation hazards. Yes Unexplained, **Unsafe Sleep** No Factors for suffocation present? Examples: face pressed into or obstructed by soft bedding (e.g., pillow, Factors^{1,} * egg crate, sleeping bag, couch), witnessed overlay, entrapment or wedging. Yes Unexplained, Was there strong evidence of full, external obstruction of Explained, **Possible Suffocation** both nose and mouth, or external neck or chest compres-Suffocation with No Yes with unsafe sleep sion WITH a reliable and non-conflicting witnessed unsafe sleep factors Factors^{1,} * account AND no other potentially fatal findings or concerning conditions AND suffocation is probable given the infant age and likely stage of development? Which primary mechanism explains suffocation or possible suffocation? Overlay Soft Bedding Wedging Other *Excluded, No Unsafe Sleep Factors, Unsafe Sleep Factors, and Possible Suffocation continue to Step 3 Explained Suffocation is the terminal category for both SUID and SDY, should not continue to Step 3 and no consent necessary² No Autopsy or Death Scene Investigation and Incomplete Case Information should both be assigned the SDY category Incomplete Case Information and should not continue to Step 3

¹Category includes cases that may or may not have other potentially fatal findings, concerning conditions, or competing cause of death, but how these factors contribute to death is uncertain.

²If consent was obtained, send in sample and consent, and retain all data entered into the Case Reporting System (CRS).

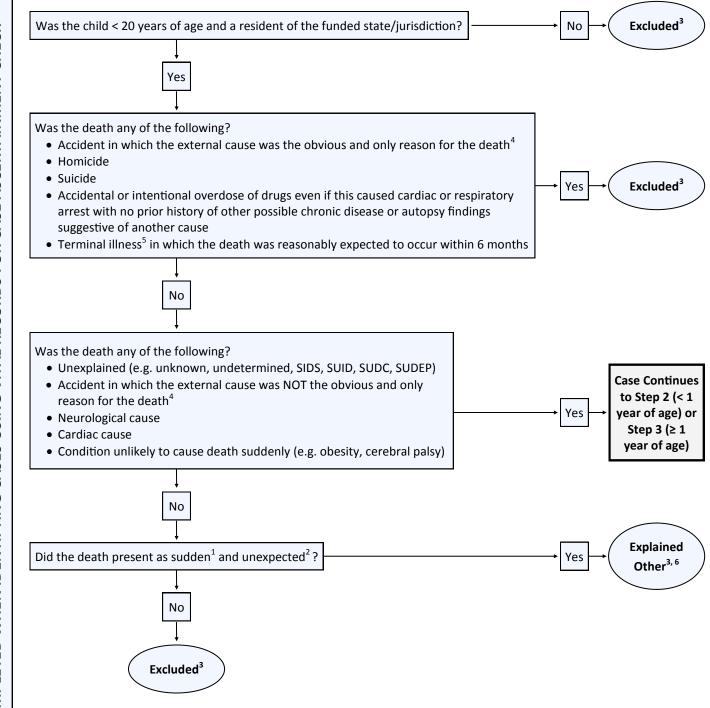
¹Includes first seizure at time of death with neurological process that could have independently led to death found on autopsy (e.g. large subarachnoid hemorrhage, meningitis, or encephalitis).

²No consent necessary, but if consent was obtained, send in sample and consent, and retain all data entered into the Case Reporting System (CRS).

³Does not include infant suffocation cases.

⁴Include all Sudden Unexpected Infant Death (SUID) cases including those the Advanced Review team deems to be suffocation.

SDY Case Registry Algorithm-Appendix



¹Death within 24 hours of first symptom or death in hospital after resuscitation from a cardiac event.

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³No consent necessary, but if consent was obtained, send in sample and consent, and retain all data entered into the Case Reporting System (CRS).

⁴Cases in which the underlying cause of the accident (e.g. drowning, infant suffocation, drivers in motor vehicle crashes, etc.) may be cardiac or neurological in origin should not be considered an 'accident in which the external cause was the obvious and only reason for the death' and should continue to Step 2 or 3.

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