

## EMS Overdose Case Definitions

### Drug Overdose

NEMSIS v3: Labeled as general drug overdose if:

1. **Any one** of the following is true:
  - a. Naloxone (or brand names (Narcan, Naloxo, 7242, or Evzio)) listed as Medication Administered (eMedications.03) **AND** the medication response (eMediations.07) indicates that the patient "Improved" (9916001)
  - b. Primary impression (eSituation.11) **OR** secondary impression (eSituation.12) starts with {F11, F13-F16, F18-F19, T50.9}, or is one of {T40.1X4, T40.2X1, T40.691, T43.291, T43.621};
  - c. Cause of Injury (eInjury.01) is T50.9 including subcodes.
2. **Two or more** of the following are true:
  - a. eDispatch.01 is 2301053 Overdose/Poisoning/Ingestion
  - b. eSituation.11 or eSituation.12 is {R41.8, R46.4}
  - c. GCS (eVitals.23) < 13
  - d. Naloxone (or brand names (Narcan, Naloxo, 7242, or Evzio.)) listed as Medication Administered (eMedications.03)
  - e. Narrative or chief complaint (eNarrative.01) contains "[ao]verdo[se][se]", "bath salt", "buprenorphine", "Cocaine", "codein", "codene", "crack/ crack cocaine", "dilaud", "dope", "Drug paraphernalia", "fentan", "Fentanyl", "fentanyl", "Herion", "Heroin", "Heroine", "heroin", "herion", "Hod", "hod", "hydrocod", "Hydrocodone", "hydromor", "illicit", "ingest", "inject", "Meth", "Methadone", "methadone", "morphin", naloxone (or brand names (Narcan, Naloxo, or Evzio) "needle", "O.D.", "O/D", "OD", "od", "od,or,", "od.", "OD/", "od/", "ODED", "opiod", "opoid", "opium", "opuim", "opod", "opid", "opate", "operdose", "Opiate", "opiate", "Opioide", "opioide", "opioide", "stimulant", "hallucinogen", "cocaine", "sedative", "inhalant", "psychoactive", "heroin", "other drugs", "substance abuse", or "unspecified drugs" "Opium", "opium", "opum", "over dose", "overdose", "Overdose", "overose", "oxyco", "Oxycodone", "oxycodone", "oxyi", "oxymor", "percoc", "pipe", "poison", "snort", "Speed ball", "speed ball", "Speedball", "speedball", "spheroin", "Spherion", "suboxin", "suboxone", "substance abuse", "syncop", "Syringes", "tramad", "vicod", or "White powder".

**NOTE:** This syndrome is restricted to only those incidents with the Patient Disposition (eDisposition.12) of "Patient Treated, Released AMA" (4212027), "Patient Treated, Released (per protocol)" (4212029), "Patient Treated, Transferred Care to Another EMS Unit" (4212031), "Patient Treated, Transported by this EMS Unit" (4212033), "Patient Treated, Transported by Law Enforcement" (4212035), "Patient Treated, Transported by Private Vehicle" (4212037), "Patient Evaluated, No Treatment/Transport Required" (421202), "Patient Refused Evaluation/Care (With Transport)" (4212023), "Patient Refused Evaluation/Care (Without Transport)" (4212025), "Patient Dead at Scene-No Resuscitation Attempted (With Transport)" (4212013), "Patient Dead at Scene-No Resuscitation Attempted (Without Transport)" (4212015), "Patient Dead at Scene-Resuscitation Attempted (With Transport)" (4212017), or "Patient Dead at Scene-Resuscitation Attempted (Without Transport)" (4212019).

This syndrome is restricted to only those incidents with Type of Service Requested (eResponse.05) of "911 Response (Scene)".

**NOTE:** This syndrome excludes incidents with the Incident Complaint Reported By Dispatch (eDispatch.01) of "Psychiatric Problem/Abnormal Behavior/Suicide Attempt" (2301059) and primary impression (eSituation.11) or secondary impression (eSituation.12) with codes R45.851 or T14.91.

## Opioid Overdose

NEMSIS v3: Labeled as opioid overdose if any of the following are true:

1. Primary impression (eSituation.11) starts with F11, or is one of {T40.2X1, T40.1X4}; **OR** secondary impression (eSituation.12) contains "opioid" or "heroin" **AND** Naloxone (or brand names) listed as Medication Administered (eMedications.03).
2. Primary impression (eSituation.11) starts with F11, or is one of {T40.2X1, T40.1X4}; **OR** secondary impression (eSituation.12) contains "opioid" or "heroin" **AND** Narrative (eNarrative.01) contains "Narcan" or "naloxone" **AND** one of the following unresponsive search terms: "unresponsive", "apneic", "apnea", "semi-cons", "semi cons", "uncons", "agonal".
3. Naloxone (or brand names) listed as Medication Administered (eMedications.03) **AND** Medication response is "Improved".
4. Medication response is not entered **AND** Narrative (eNarrative.01) contains "Narcan" or "naloxone" **AND** one of the following unresponsive search terms: "unresponsive", "apneic", "apnea", "semi-cons", "semi cons", "uncons", "agonal".

## Heroin Overdose

NEMSIS v3: Labeled as heroin overdose if **two or more** of the following are true:

1. Primary impression (eSituation.11) is "Poisoning by heroin, undetermined" (T40.1X4) **OR** secondary impression contains "heroin".
2. Narrative or chief complaint (eNarrative.01) contains "heroin", "herion", "speedball", "speed ball", "spheroin", or "hod".
3. Naloxone (or brand names) listed as Medication Administered (eMedications.03) **OR** narrative/chief complaint (eNarrative.01) contains naloxone (or brand names).