Statewide Implementation of an EBG Supplemental Data Dictionary

Listed below are the NEMSIS data elements (both V2.2.1 and V3) that are relevant to the Key Elements of the Prehospital Protocol for the Management of Acute Traumatic Pain. These data elements may be used to assist in the monitoring of implementation of the guideline, and as quality assurance and performance improvement measures of the essential elements of the guideline, as EMS providers in the field use it.

The complete NEMSIS V2.21 Data Dictionary can be found here.

The complete NEMSIS 3 Data Dictionary can be found here.

Guideline Data Points: NEMSIS Version 2.2.1

Transport Time:
- E05_06 "Unit Arrived on Scene Date/Time"
    - The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving
- E05_10 "Patient Arrived at Destination Date/Time"
    - The date/time the responding unit arrived with the patient at the destination or transfer point

Age
- E06_14 "Age"
    - The patient's age (either calculated from date of birth or best approximation)
- E06_15 "Age Units"
    - The units which the age is documented in (Hours, Days, Months, Years)

Provider Impression / Cause of Injury / Possible Injury
- E09_15 or E09_16 "Provider's Impression"
    - The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

- E10_01 "Cause of Injury"
    - The category of the reported/suspected external cause of the injury

- E09_04 "Possible Injury"
    - Indicates that the reason for the EMS encounter was related to an injury or traumatic event. This data element provides documentation to classify the EMS Reason for Encounter as either injury or non-injury related based on mechanism and not on actual injury

Weight

- E16_01 "Estimated Body Weight"
    - The patient's body weight in kilograms, either measured or estimated

- E16_02 "Broselow/Luten Color"
    - The Broselow/Luten Color as take from the tape

Pain Score

- E14_01 "Date/Time Vital Signs Taken"
    - Date/Time Vital Signs Taken

- E14_23 "Pain Scale"
    - The patient's indication of pain from a scale of 0 –10.

Vital Signs

- E14_01 "Date/Time Vital Signs Taken"
    - Date/Time Vital Signs Taken

- E14_04 "SBP (Systolic Blood Pressure)"
    - The patient's systolic blood pressure

- E14_05 "DBP (Diastolic Blood Pressure)"
    - The patient's diastolic blood pressure

- E14_07 "Pulse Rate"
    - The patient's pulse rate, palpated or auscultated, expressed as a number per minute

- E14_09 "Pulse Oximetry"
    - The patient's oxygen saturation

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Procedure Information

- E19_02 "Procedure Performed Prior to this Units EMS Care"
    - Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care

Guideline Data Points: NEMSIS Version 3

Transport Time:

- eTimes.06 "Unit Arrived on Scene Date/Time"
    - The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving at the scene.

- eTimes.11 "Patient Arrived at Destination Date/Time"
    - The date/time the responding unit arrived with the patient at the destination or transfer point.

Age

- ePatient.15 "Age"
    - The patient's age (either calculated from date of birth or best approximation)

- ePatient.16 "Age Units"
    - The unit used to define the patient's age

Provider Impression / Cause of Injury / Possible Injury

- eSituation.11 "Provider's Primary Impression"
    - The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

- eSituation.12 "Provider's Impression"
    - The EMS personnel's impression of the patient's secondary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

- eInjury.01 "Cause of Injury"
    - The category of the reported/suspected external cause of the injury.

Statewide Implementation of an EBG Supplemental Data Dictionary

- eSituation.02 "Possible Injury"
    - The category of the reported/suspected external cause of the injury.

Weight
- eExam.01 "Estimated Body Weight in Kilograms"
    - The patient's body weight in kilograms either measured or estimated
- eExam.02 "Length Based Tape Measure"
    - The length-based color as taken from the tape.

Pain Score
- eVitals.01 "Date/Time Vital Signs Taken"
    - The date/time vital signs were taken on the patient
- eVitals.27 "Pain Score"
    - The patient's indication of pain from a scale of 0-10.
- eVitals.28 "Pain Scale Type"
    - The type of pain scale used.

Vital Signs
- eVitals.01 "Date/Time Vital Signs Taken"
    - The date/time vital signs were taken on the patient
- eVitals.06 "SBP (Systolic Blood Pressure)"
    - The patient's systolic blood pressure
- eVitals.07 "DBP (Diastolic Blood Pressure)"
    - The patient's diastolic blood pressure.
- eVitals.10 "Heart Rate"
    - The patient's heart rate expressed as a number per minute.
- eVitals.12 "Pulse Oximetry"
    - The patient's oxygen saturation
- eVitals.14 "Respiratory Rate"
    - The patient's respiratory rate expressed as a number per minute.

Statewide Implementation of an EBG Supplemental Data Dictionary

Medication Information

- eMedications.01 "Date/Time Medication Administered"
    - The date/time medication administered to the patient
- eMedications.03 "Medication Given"
    - The medication given to the patient
- eMedications.04 "Medication Administered Route"
    - The route medication was administered to the patient
- eMedications.05 "Medication Dosage"
    - The dose or amount of the medication given to the patient
- eMedications.06 "Medication Dosage Units"
    - The unit of medication dosage given to patient
- eMedications.08 "Medication Complication"
    - Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS
- eMedications.11 "Medication Authorization"
    - The type of treatment authorization obtained

Destination Information

- eDisposition.01 "Destination/Transferred To, Name"
    - The destination the patient was delivered or transferred to

Location

- eScene.19 "Incident ZIP Code"
    - The ZIP code of the incident location

Medical Direction

- eProtocols.01 "Protocols Used"
    - The protocol used by EMS personnel to direct the clinical care of the patient

Procedure Information

- eProcedures.02 "Procedure Performed Prior to this Unit's EMS Care"
    - Indicates that the procedure which was performed and documented was performed prior to this EMS units care.