



**OC-MEDS – DATA DICTIONARY**

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I. AUTHORITY:

*Health and Safety Code, Division 2.5, Section 1797.204; Health and Safety Code, Division 2.5, §1797.227; California Code of Regulations, Title 22, Section §100171(f); California Code of Regulations, Title 22, Section § 100062(d)*

II. APPLICATION:

This policy provides comprehensive data standards for patient care reporting by EMS personnel and provider agencies.

III. DEFINITIONS:

**NEMSIS Element:** A basic unit of information defined and structured by the National Emergency Medical Services Information System (NEMSIS) to enable electronic documentation and communication of EMS incident information. The NEMSIS Element Code is listed in Section V. Resources in the header for each data element. The NEMSIS Element serves as the foundation for all specifications provided. Where undefined, NEMSIS standards and NEMSIS Custom Element guidance shall be applied.

**OC-MEDS Element Label:** The name of the data element as defined by Orange County EMS. This Label may differ from the NEMSIS Name in order to achieve consistency with Orange County EMS (OCEMS) Policies, Procedures, and Standing Orders. The header of each data element is formatted as: NEMSIS Data Element Code – OC-MEDS Element Label

**OC-MEDS Usage:** The data submission standard used in the Orange County Medical Emergency Data System (OC-MEDS) to describe when a specific data element is to be completed and submitted based on the clinical and/or operational needs of the Orange County EMS System.

- **Base Hospital Use:** Data elements for use by Base Hospitals only when completing an electronic Base Hospital Report (eBHR).
- **Mandatory:** Data elements that shall be completed and submitted on ALL incidents, are not Nillable, and do NOT allow NOT Values (NV) or Pertinent Negatives (PN).
- **Required:** Data elements that shall be completed and submitted depending on the specified OC-MEDS Reporting Condition. Required data elements may be Nillable, and may allow NOT Values (NV) and Pertinent Negatives (PN).
- **Recommended:** Data elements that should be completed and submitted depending on the specified OC-MEDS Reporting Condition. Recommended data elements may be Nillable and may allow NV and PN.
- **Optional:** Data elements that may be completed at the provider agency's discretion. If the elements are completed, they should be submitted.

**OC-MEDS Reporting Condition:** The circumstance upon which a data element is required to be completed and submitted. Implemented as Validation Rules (Attachment 18).



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**Data Element Definition:** The clinical and/or functional description of the data element.

**Data Type:** The format and programmatic structure used for the specified data element.

**Pertinent Negatives:** Reportable conditions that allow for documentation of a negative value when it is clinically or operationally relevant. Data elements that include Pertinent Negatives will be listed as “Yes” in the Pertinent Negatives box and will include a Pertinent Negatives code list in the code list box.

**Is Nullable:** Indicates that the element can accept a "blank" value.

**NOT Values:** Reportable conditions that allow for documentation of a negative value when it does not apply to the event or will not be recorded. Data elements that include NOT Values will be listed as “Yes” in the NOT Values box and will include a NOT Values code list in the code list box.

**Attributes:** Additional programmatic and/or technical information to support or further describe the format used in the data element, such as constraints on the value formatting and correlation grouping.

**Code List:** The list of values with codes and labels to be used for completing the data element. Where applicable the format will be specified in Constraints. Some Code Lists may be restricted to local, state, and federal limitations on industry data standards (i.e. ICD-10, SnoMed, GNIS, etc.). Where limited the defined values for use will be further articulated.

**CEMSIS Value Lists:** The California Emergency Medical Services Information System (CEMSIS) has mandated usage of several defined value lists. A value is a defined option for documenting a data element. Where applicable the values defined by CEMSIS shall be used to complete and submit patient care reporting.

**OC-MEDS Value Lists:** Where applicable OC-MEDS has further defined the value options available for documenting a data element. OC-MEDS Value Lists can be found as Attachments.

**Attachments:** Documents that provide further articulation of specifications.

- Attachment 1 – Data Element List
- Attachment 2 – Facilities List
- Attachment 3 – EMS Provider Agencies
- Attachment 4 – Procedures (eProcedures.03)
- Attachment 5 – Medications Given (eMedications.03)
- Attachment 6 – Cause of Injury (eInjury.01)
- Attachment 7 – Disposition (eDisposition.112)
- Attachment 8 – Symptoms (eSituation.09&10)
- Attachment 9 – Impressions (eSituation.11&12)
- Attachment 10 – Incident Location Type (eScene.09)
- Attachment 11 – Med Allergies (eHistory.06)
- Attachment 12 – EF Allergies (eHistory.07)
- Attachment 13 – Med Surg History (eHistory.08)
- Attachment 14 – Current Medications (eHistory.12)
- Attachment 15 – Approved Abbreviations (eNarrative.01)
- Attachment 16 – Orange County Fire District Numbers
- Attachment 17 – Orange County EOAs
- Attachment 18 – Reporting Conditions Validation Rules



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**IV. CRITERIA:**

The resources listed below in Section V and associated attachments represent a comprehensive data standard which shall be met for every EMS patient in Orange County both emergency and non-emergency.

**Approved:**

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