

# LA-EMS Data Dictionary

Los Angeles County  
Emergency Medical Services Agency  
Version 6

*REVISED:  
April 2016*



**LANCET TECHNOLOGY**  
Innovative Data Solutions



# Revision History

Revisions will be made on an annual basis and published by April 1st annually. New data format will be effective for all files submitted for incident date as of July 1st annually.

## 04/01/2016 Data Submission Details

- Updated version to 'Version 6'
- All files received, not adhering to proper naming convention, will not be imported and will be sent back for correction
- Added fields 'MCI?', tag name 'MCI', and 'Base', tag name 'Base', as non-nullable fields in the Incident Information or Transport sections

## Validator Logic Rules

- Added logic rules:
  - Report Error if **MechanismOfInjury** has a valid non-null value and no Trauma Complaint is present under **Complaint**
  - Report Error if **O2Sat** or **TransferofCareO2Sat** value received is negative or greater than 100. Value must be between 0-100.

## Incident Information

- Added 'MCI?', tag name 'MCI', field  
**Field Values**
  - **Y** Yes
  - **N** No
- Deleted the following from the 'Provider', tag name 'Provider', picklist:
  - **GE** Gerber Ambulance
  - **ME** Mercy Ambulance
- Added the following to the 'Provider', tag name 'Provider', picklist:
  - **AA** American Professional Ambulance Corp.
  - **AT** All Town Ambulance
  - **AW** AMWest Ambulance
  - **MS** Medi-Star Transport

## Transport

- Deleted 'MAR', tag name 'MAR', field
- Added the following to the 'Rec Fac', tag name 'ReceivingFacility', and 'Base', tag name 'Base', picklist:
  - LBV Long Beach VA (NON-BASIC)
  - WVA Wadsworth VA (NON-BASIC)
- Updated the long text of the following in the 'Rec Fac', tag name 'ReceivingFacility', and 'Base', tag name 'Base', picklist:
  - HMH Huntington Memorial Hospital
  - HMN Henry Mayo Newhall Hospital
- Added the following to the 'Trans To', tag name 'TransportedTo', picklist:
  - **K** Comprehensive Stroke Center
- Updated the long text of the following in the 'Trans To', tag name 'TransportedTo', picklist:
  - **A** Primary Stroke Center

## GCS/mLAPSS/LAMS

- Added 'LAMS' to title of GCS/mLAPSS section
- Added 'Facial Droop', tag name 'FacialDroop', field  
**Field Values**
  - **0** Absent
  - **1** Present
- Added 'Arm Drift', tag name 'ArmDrift', field

### **Field Values**

- **0** Absent
- **1** Drifts Down
- **2** Falls Rapidly
- Added 'Grip Strength', tag name 'GripStrength', field

### **Field Values**

- **0** Normal
- **1** Weak Grip
- **2** No Grip
- Added 'Total Score', tag name 'TotalScore', field

### Physical

- Deleted the following from the 'Skin', tag name 'Skin', picklist:
  - **J** Jaundiced
  - **W** Warm
- Removed 'First 12 Lead Result', tag name 'Lead121st', field
- Removed 'Second 12 Lead Result', tag name 'Lead122nd', field
- Added 'Software Interpretation', tag name 'SoftwareInterpretation1st', field

### **Field Values**

- **NL** Normal
- **MI** STEMI
- **AB** Abnormal
- Added 'Software Interpretation', tag name 'SoftwareInterpretation2nd', field

### **Field Values**

- **NL** Normal
- **MI** STEMI
- **AB** Abnormal
- Added 'EMS Interpretation', tag name 'EMSInterpretation1st', field

### **Field Values**

- **NL** Normal
- **MI** STEMI
- **AB** Abnormal
- Added 'EMS Interpretation', tag name 'EMSInterpretation2nd', field

### **Field Values**

- **NL** Normal
- **MI** STEMI
- **AB** Abnormal
- Added 'Artifact', tag name 'Artifact1st', field

### **Field Values**

- **Y** Yes
- **N** No
- Added 'Artifact', tag name 'Artifact2nd', field

### **Field Values**

- **Y** Yes
- **N** No
- Added 'Wavy Baseline', tag name 'WavyBaseline1st', field

### **Field Values**

- **Y** Yes
- **N** No
- Added 'Wavy Baseline', tag name 'WavyBaseline2nd', field

### **Field Values**

- **Y** Yes
- **N** No
- Added 'Paced Rhythm', tag name 'PacedRhythm1st', field

### Field Values

- **Y** Yes
- **N** No
- Added 'Paced Rhythm, tag name 'PacedRhythm2nd', field

### Field Values

- **Y** Yes
- **N** No

### Cardiac Arrest

- Added the following to the 'Arrest Details/Reason for Withholding Resuscitation', tag name 'ArrestDetailsReasonForWithholding', picklist:
  - **TR** Termination of Resuscitation (T.O.R)

### Therapies

- Added the following to the 'Therapies', tag name 'Therapy', picklist:
  - **CC** C-Collar
  - **BD** Backboard

### Therapy Details

- Revised 'CPAP Pressure', tag name 'CPAPPressure', field to allow for the collection of two decimals

### Transfer of Care

- Added 'CPAP Pressure', tag name 'CPAPPressure', field

**07/08/15**

### Transport

- Added the following to the 'MAR', tag name 'MAR', and 'Rec Fac', tag name 'ReceivingFacility', picklists:
  - **MLK** Martin Luther King, Jr. Community Hospital

**06/23/15**

### Incident Information

- Changed description on 'Provider', tag name 'Provider', from **EX** Explorer 1 Ambulance & Medical Services to **EX** Explorer 1 Ambulance and Medical Services

**06/12/15**

### Incident Information

- Added the following to the 'Provider', tag name 'Provider', picklist:
  - **EX** Explorer 1 Ambulance & Medical Services

### Transport

- Added the following to the 'Protocol', tag name 'Protocol', picklist:
  - **1400**-meets inclusion criteria and transported to an UCC
  - **1401**-meets inclusion criteria but not transported to an UCC due to geography or time constraints
  - **1402**-meets inclusion criteria but the UCC is closed due to saturation
  - **1403**-meets inclusion criteria but refused by UCC MD
  - **1404**-meets inclusion criteria but patient refused UCC
  - **1405**-meets inclusion criteria but outside normal UCC operating hours
  - **1406**-patients requiring emergent transfer from the UCC to an acute care facility
- Added the following to the 'MAR', tag name 'MAR', and 'Rec Fac', tag name 'ReceivingFacility' picklists:
  - **UKP** Kaiser Urgent Care Clinic Pasadena
  - **UPC** Pasadena Community Urgent Care
  - **UVH** Verdugo Hills Medical Associates
  - **USM** UCLA Santa Monica-Wilshire Office/South Bay Physicians Group
  - **U9C** Urgent 9 Care Center
  - **UAH** Adventist Health Urgent Care Montrose
  - **URC** Rapid Care Glendale

04/29/15

Incident Information

- Added the following to the 'Provider', tag name 'Provider', picklist:
  - **BA** Burbank Airport Fire Department

04/01/2015

Data Submission Details

- Updated version to 'Version 5'
- The LA-EMS XSD, LA-EMS XSD Validator, and LA-EMS Sample XML will now be hosted on the Lancet website at
  - <http://lancettechnology.com/wp-content/LADHS/V5-XSD.zip>
  - <http://lancettechnology.com/wp-content/LADHS/V5-XML.zip>
  - <http://lancettechnology.com/wp-content/LADHS/V5-Validator.zip>

Validator Logic Rules

- Added a rule to report an error if the only copy of Complaint=OT when there is a MOI present
- Changed 'Report Error for Blanks/Null Values in **LastName, Complaint, and TeamMemberID if RunType= "R"** to read 'Report Error for Blanks/Null Values in **LastName, FirstName, Complaint, and TeamMemberID if RunType= "R"**
- Added a rule that on multi-valued fields, if there is a value in the first copy, no null values are needed in the subsequent copies

Incident Information

- Changed minimum constraint on 'Zip Code', tag name 'IncidentZipCode', from 1 to 5
- Added the following to the 'Run Type' picklist:
  - **R** Regular Run
- Deleted the following to the 'Run Type', tag name 'RunType', picklist:
  - **P** Pronounced by Base
- Deleted 'Incident Street Direction', tag name 'IncidentStreetDir', field
- Deleted 'Incident Street Type Code', tag name 'IncidentStreetType', field
- Added the following cities to the 'City', tag name 'IncidentCityCode', picklist:

<b>AA</b>	Arleta	<b>BV</b>	Beverly Glen	<b>EZ</b>	East Rancho Dominguez
<b>AC</b>	Acton	<b>BW</b>	Brentwood	<b>FA</b>	Fairmont
<b>AE</b>	Arlington Heights	<b>BX</b>	Box Canyon	<b>FO</b>	Fair Oaks Ranch
<b>AG</b>	Agua Dulce	<b>BY</b>	Boyle Heights	<b>GF</b>	Griffith Park
<b>AN</b>	Athens	<b>BZ</b>	Byzantine-Latino Quarter	<b>GK</b>	Glenoaks
<b>AO</b>	Avocado Heights	<b>CI</b>	Chinatown	<b>GP</b>	Glassell Park
<b>AW</b>	Atwater Village	<b>CN</b>	Canyon Country	<b>HE</b>	Harvard Heights
<b>BA</b>	Bel Air Estates	<b>CS</b>	Castaic	<b>HK</b>	Holly Park
<b>BC</b>	Bell Canyon	<b>CY</b>	Cypress Park	<b>HR</b>	Harbor City
<b>BK</b>	Bixby Knolls	<b>DS</b>	Del Sur	<b>HY</b>	Hyde Park
<b>BN</b>	Baldwin Hills	<b>DZ</b>	Dominguez	<b>JH</b>	Juniper Hills

<b>BO</b>	Bouquet Canyon	<b>EO</b>	El Sereno	<b>JP</b>	Jefferson Park
<b>BS</b>	Belmont Shore	<b>EP</b>	Echo Park	<b>KO</b>	Koreatown
<b>BT</b>	Bassett	<b>EV</b>	Elysian Valley	<b>LF</b>	Los Feliz
<b>LG</b>	Lake Hughes	<b>OP</b>	Ocean Park	<b>SQ</b>	Sleepy Valley
<b>LQ</b>	LAX	<b>PE</b>	Pacific Palisades	<b>SZ</b>	Studio City
<b>LS</b>	Los Nietos	<b>PH</b>	Pacific Highlands	<b>TD</b>	Tropico
<b>LW</b>	Lake View Terrace	<b>PI</b>	Phillips Ranch	<b>TE</b>	Topanga State Park
<b>ME</b>	Monte Nido	<b>PL</b>	Playa Vista	<b>TI</b>	Terminal Island
<b>MG</b>	Montecito Heights	<b>PN</b>	Panorama City	<b>TL</b>	Toluca Lake
<b>MH</b>	Mission Hills	<b>PS</b>	Palms	<b>TT</b>	Toluca Terrace
<b>MI</b>	Mint Canyon	<b>PT</b>	Porter Ranch	<b>UP</b>	University Park
<b>MM</b>	Miracle Mile	<b>RC</b>	Roosevelt Corner	<b>VG</b>	Valley Glen
<b>MR</b>	Mar Vista	<b>RD</b>	Rancho Dominguez	<b>VI</b>	Valley Village
<b>MS</b>	Mount Wilson	<b>RK</b>	Rancho Park	<b>VY</b>	Valyermo
<b>MU</b>	Mount Olympus	<b>RV</b>	Rampart Village	<b>WG</b>	Wilsona Gardens
<b>MY</b>	Metler Valley	<b>RW</b>	Rosewood	<b>WK</b>	Winnetka
<b>NA</b>	Naples	<b>SB</b>	Sandberg	<b>WO</b>	Westlake
<b>NN</b>	Neenach	<b>SJ</b>	Silver Lake	<b>WR</b>	Westchester
<b>NT</b>	North Hills	<b>SL</b>	Sun Valley	<b>WS</b>	Windsor Square

- Changed the following in the 'Provider', tag name 'Provider', picklist:
  - **PM** PRN Ambulance, Inc. to **PN** PRN Ambulance, Inc.
- Added the following to the 'Provider', tag name 'Provider', picklist:
  - **OC** Orange County Provider
  - **RO** Rescue One Ambulance
  - **SB** San Bernardino County Provider
  - **TL** TransLife, Inc.
- For 'A/B/H', tag name 'Type', changed picklist value of '**H** Air Ambulance' to '**H** Helicopter'
- Added 'Fac Equip Date' field, tag name 'OnFacilityEquipmentDate'
- Added 'Fac Equip Time' field, tag name 'OnFacilityEquipmentTime'

#### Transport

- Deleted the 'Base Notified', tag name 'BaseNotified' field
- Changed 'Contact', tag name 'Contact' field to 'Base', tag name 'Base'
- Deleted the following from the 'Via', tag name 'Via', picklist:
  - **O** Other
  - **P** Police
  - **V** Private Vehicle
- Added the following to the 'Transport To', tag name 'TransportedTo', picklist:
  - **R** SART
- Deleted the following from the 'Reason', tag name 'Reason', picklist:
  - **X** Extremis
  - **H** Health Plan
- Added the following to the 'Rec Fac', tag name 'ReceivingFacility', picklist:
  - **FHP** Fountain Valley Hospital (Orange County)

- **FHR** Friendly Hills Regional Medical Center (Orange County)
- **SIM** Simi Valley Hospital (Ventura Co.)
- **SVH** Saint Vincent Medical Center
- **WAM** West Anaheim Medical Center Santa Ana (Orange County)
- Updated the long text to the following in the 'Rec Fac', tag name 'ReceivingFacility', picklist:

<b>ACH</b>	Alhambra Hospital Medical Center	<b>KFP</b>	Kaiser Permanente Panorama City Medical Center
<b>ANH</b>	Anaheim Memorial Medical Center	<b>KFW</b>	Kaiser Permanente West LA Medical Center
<b>AVH</b>	Antelope Valley Hospital	<b>LCM</b>	Providence Little Company of Mary Torrance
<b>CSM</b>	Cedars-Sinai Medical Center	<b>LRR</b>	Los Robles Hospital and Medical Center (Ventura Co.)
<b>DCH</b>	PIH Health Hospital- Downey	<b>NOR</b>	Norwalk Community Hospital
<b>HEV</b>	Glendora Community Hospital	<b>PLH</b>	Placentia Linda Hospital (Orange County)
<b>HGH</b>	LAC Harbor-UCLA Medical Center	<b>RCC</b>	Ridgecrest Regional Hospital (Kern Co.)
<b>KHA</b>	Kaiser Foundation Hospital- Anaheim	<b>QOA</b>	Hollywood Presbyterian Medical Center
<b>KFB</b>	Kaiser Permanente Downey Medical Center	<b>SJH</b>	Providence Saint John's Health Center
<b>KFF</b>	Kaiser Foundation Hospital- Fontana	<b>SMH</b>	UCLA Medical Center, Santa Monica
<b>KFH</b>	Kaiser Permanente South Bay Medical Center	<b>SOC</b>	Sherman Oaks Hospital
<b>KFI</b>	Kaiser Permanente Irvine Medical Center	<b>SPP</b>	Providence Little Company of Mary San Pedro
<b>KFL</b>	Kaiser Permanente Los Angeles Medical Center	<b>WMH</b>	White Memorial Medical Center
<b>KFO</b>	Kaiser Permanente Woodland Hills Medical Center		

- Deleted the following from the 'RecFac', tag name 'ReceivingFacility' picklist:
  - **CNA** Contact Not Attempted
  - **PRO** Protocol
  - **MAC** Medical Alert Center

Patient Information

- Deleted the 'Street Direction', tag name 'PatientStreetDirection', field
- Deleted the 'Street Type', tag name 'PatientStreetType' field
- Added the following cities to the 'Patient City Code', tag name 'PatientCityCode', picklist:

<b>AA</b>	Arleta	<b>AE</b>	Arlington Heights	<b>AN</b>	Athens
<b>AC</b>	Acton	<b>AG</b>	Agua Dulce	<b>AO</b>	Avocado Heights

<b>AW</b>	Atwater Village	<b>HE</b>	Harvard Heights	<b>PL</b>	Playa Vista
<b>BA</b>	Bel Air Estates	<b>HK</b>	Holly Park	<b>PN</b>	Panorama City
<b>BC</b>	Bell Canyon	<b>HR</b>	Harbor City	<b>PS</b>	Palms
<b>BK</b>	Bixby Knolls	<b>HY</b>	Hyde Park	<b>PT</b>	Porter Ranch
<b>BN</b>	Baldwin Hills	<b>JH</b>	Juniper Hills	<b>RC</b>	Roosevelt Corner
<b>BO</b>	Bouquet Canyon	<b>JP</b>	Jefferson Park	<b>RD</b>	Rancho Dominguez
<b>BS</b>	Belmont Shore	<b>KO</b>	Koreatown	<b>RK</b>	Rancho Park
<b>BT</b>	Bassett	<b>LF</b>	Los Feliz	<b>RV</b>	Rampart Village
<b>BV</b>	Beverly Glen	<b>LG</b>	Lake Hughes	<b>RW</b>	Rosewood
<b>BW</b>	Brentwood	<b>LQ</b>	LAX	<b>SB</b>	Sandberg
<b>BX</b>	Box Canyon	<b>LS</b>	Los Nietos	<b>SJ</b>	Silver Lake
<b>BY</b>	Boyle Heights	<b>LW</b>	Lake View Terrace	<b>SL</b>	Sun Valley
<b>BZ</b>	Byzantine-Latino Quarter	<b>ME</b>	Monte Nido	<b>SQ</b>	Sleepy Valley
<b>CI</b>	Chinatown	<b>MG</b>	Montecito Heights	<b>SZ</b>	Studio City
<b>CN</b>	Canyon Country	<b>MH</b>	Mission Hills	<b>TD</b>	Tropico
<b>CS</b>	Castaic	<b>MI</b>	Mint Canyon	<b>TE</b>	Topanga State Park
<b>CY</b>	Cypress Park	<b>MM</b>	Miracle Mile	<b>TI</b>	Terminal Island
<b>DS</b>	Del Sur	<b>MR</b>	Mar Vista	<b>TL</b>	Toluca Lake
<b>DZ</b>	Dominguez	<b>MS</b>	Mount Wilson	<b>TT</b>	Toluca Terrace
<b>EO</b>	El Sereno	<b>MU</b>	Mount Olympus	<b>UP</b>	University Park
<b>EP</b>	Echo Park	<b>MY</b>	Metler Valley	<b>VG</b>	Valley Glen
<b>EV</b>	Elysian Valley	<b>NA</b>	Naples	<b>VI</b>	Valley Village
<b>EZ</b>	East Rancho Dominguez	<b>NN</b>	Neenach	<b>VY</b>	Valyermo
<b>FA</b>	Fairmont	<b>NT</b>	North Hills	<b>WG</b>	Wilsona Gardens
<b>FO</b>	Fair Oaks Ranch	<b>OP</b>	Ocean Park	<b>WK</b>	Winnetka
<b>GF</b>	Griffith Park	<b>PE</b>	Pacific Palisades	<b>WO</b>	Westlake
<b>GK</b>	Glenoaks	<b>PH</b>	Pacific Highlands	<b>WR</b>	Westchester
<b>GP</b>	Glassell Park	<b>PI</b>	Phillips Ranch	<b>WS</b>	Windsor Square

- Deleted '**UN** Unknown' from 'Patient State', tag name 'PatientState', picklist
- Deleted 'Partial SS #', tag name 'PartialSocialSecurityNumber' field

#### Patient Assessment

- Added the following to the 'Units of Age', tag name 'AgeUnit', picklist:
  - **W** Weeks
  - **WE** Weeks Estimated

#### Special Circumstances

- Added 'DNR/AHCD/POLST?' field, tag name of 'DNR/AHCD/POLST'
  - Field Values**
    - **Y** Yes
    - **N** No
- Added '≥ 20 wks IUP?' field, tag name of 'TwentywksIUP'
  - Field Values**
    - **Y** Yes
    - **N** No



- Added ‘\_ Wks’ field, tag name ‘WksIUP’  
**Field Values**
  - Up to two-digit numeric value
- Changed field value of ‘ETOHsuspected’, ‘DrugsSuspected’, and ‘AbuseSuspected’ from ‘Y Yes N No’ to ‘Y Yes’
- Deleted the following from ‘Barriers to Patient Care’, tag name ‘BarrierstoPatientCare’, picklist:
  - **A** Altered
  - **D** Deaf

#### Therapy Details

- Added ‘CO2’ field, tag name ‘CO2’  
**Field Values**
  - Up to three-digit numeric value
- Added ‘IO Gauge’ field, tag name ‘IOGauge’  
**Field Values**
  - Up to two-digit numeric value

#### Therapies

- Changed the maximum constraint of ‘TM #’, tag name ‘TMNumber’, from 8 to 1
- Added the following as a picklist choice in ‘Therapies’, tag name ‘Therapy’:
  - **HD** Hemostatic Dressing

#### Complaints

- Changed the following in the ‘Mechanism of Injury’, tag name ‘Mechanism of Injury’ picklist:
  - **MH** Medical History to **SC** Special Considerations

#### Physical

- Added ‘First 12 Lead Transmitted’ field, tag name ‘Lead121stTransmitted’ after ‘First 12 Lead Time’, tag name ‘Lead12Time1st’ field  
**Field Values**
  - **Y** Yes
  - **N** No
- Added ‘Second 12 Lead Transmitted’ field, tag name ‘Lead122ndTransmitted’ after ‘Second 12 Lead Time’, tag name ‘Lead12Time2nd’ field  
**Field Values**
  - **Y** Yes
  - **N** No

#### Vitals

- Added ‘CO2’ field, tag name ‘CO2’ after the ‘Pain Scale’, tag name ‘PainScale’ field  
**Field Values**
  - Up to three-digit numeric value
- Changed the name of ‘SpO2%-Vital Signs’ field, tag name ‘PulseOximetry’ to ‘O2 Sat’, tag name ‘O2Sat’

- Changed the maximum constraint of 'TM #', tag name 'TMNumber', from 8 to 1

#### Medication/Defibrillation

- Changed the maximum constraint of 'TM #', tag name 'TMNumber', from 8 to 1
- Change name of 'ECG-Primary Rhythm', tag name 'ECG1', to 'Rhythm', tag name 'Rhythm' and removed the following from the picklist:
  - **UNK** Unable to Determine
- Deleted 'ECG-Secondary Rhythm', tag name 'ECG2'
- Added the following to the 'Meds/Defib', tag name 'MedsDefib', picklist:
  - **AED** AED
- Changed the following in the 'Meds/Defib', tag name 'MedsDefib', picklist:
  - '**MS** Morphine' to '**Morphine** Morphine'
- Removed the following from the 'Meds/Defib', tag name 'MedsDefib', picklist:
  - **MAG** Magnesium Sulfate
- Changed the maximum constraint of 'Result', tag name 'Result', from 2 to 1

#### Transfer of Care

- Changed the name of 'SPO2%- Transfer', tag name 'PulseOximetry', to 'O2 Sat', tag name 'O2Sat'
- Moved 'Glasgow Coma Score- Verbal-Transfer', tag name 'GCSVerbal' before 'Glasgow Coma Score- Motor-Transfer', tag name 'GCSMotor'
- Changed the maximum constraint of 'TM #', tag name 'TMNumber', from 8 to 1
- Changed the tag name for 'O2 Sat' from 'O2Sat' to 'TransferofCareO2Sat'

#### Arrest Details/Reason for Withholding Resuscitation

- Changed tag name of 'Arrest to CPR' to 'ArresttoCPR'

#### Arrest

- Changed the name of 'EKG Rhythm Upon Pronouncement', tag name 'PronouncedRhythm', to 'ECG Rhythm Upon Pronouncement', tag name 'PronouncedRhythm' and changed the picklist to the following:
  - **AGO** Agonal
  - **ASY** Asystole
  - **IV** Idioventricular
  - **PEA** Pulseless Electrical Activity
  - **VF** Ventricular Fibrillation

#### Endotracheal Tube/King Airway

- Changed the maximum constraint of 'Endotracheal Tube Paramedic Number', tag name 'TMNumber', from 8 to 1
- Changed the maximum constraint of 'King Airway Paramedic Number', tag name 'TMNumber', from 8 to 1

Initial Advanced Airway Placement Confirmation

- For 'Capnography Measurement', tag name 'CapnographyMeasurement', changed multiple entry configuration of Yes to No and changed minimum constraint from 2 to 1

Reason ALS Airway Unable

- Deleted 'BVM Ventilation', tag name 'BVM Ventilation', field

**07/01/2014**

Added XML Version number to Data Submission Details

Added Validator Logic Details

Incident Information and Patient Information

City Code and Patient City Code

Long Text changes: IN City of Industry

GCS/MLAPSS: Added Field: Last Known Date/Time Unknown

Therapies

Add: TQ Tourniquet

Change: SI Changed to Spinal Motion Restriction

Deleted: SC Spinal Clearance Algorithm

Physical Signs:

Pupils: Add: S Sluggish

C Cataracts

N Patients Normal (Should be used with another choice)

Medication/Defibrillation

Meds/Defib: Add: FEN- Fentanyl

Cardiac Arrest

Arrest Details/Reason For Withholding Resuscitation:

Add: CA Citizen AED

Transport

Contact and Base Notified

Long text changes: PIH: PIH Health- Whittier

NRH: Northridge Hospital Medical Center

Receiving Facility- Transport To and Most Accessible Receiving (MAR) Facility-

Add: ARM Arrowhead Regional Medical Center (San Bernardino County)

CHO Children's Hospital Orange County (Orange County)

KFF Kaiser Foundation- Fontana (San Bernardino County)

KFI Kaiser Foundation- Irvine (Orange County)

KFN Kaiser Foundation- Ontario (San Bernardino County)

LLU Loma Linda University Medical Center (San Bernardino County)

SVH Saint Vincent Medical Center

COR Los Angeles County Coroner (Los Angeles Fire Department (CI) Only

Long Text Change:

ANH Anaheim Regional Medical Center (Orange County)

BMC Southern California Hospital at Culver City

DCH PIH Health Hospital – Downey

DHM Montclair Hospital Medical Center (San Bernardino County)

LCH Palmdale Regional Medical Center

NRH Northridge Hospital Medical Center

PIH PIH Health- Whittier

PLB College Medical Center

QOA Hollywood Presbyterian Medical Center

SJH Providence Saint John's Health Center

TRM Providence Tarzana Medical Center

VHH USC Verdugo Hills Hospital

Disaster Receiving Facilities Only:

Delete: CCC Casa Colina

DLA Del Amo Behavioral Health System

KFC Kaiser Permanente of Carson

KHS Kindred Hospital of San Gabriel

KIL Kindred Hospital of Los Angeles

KIM Kindred Hospital of La Mirada

MHF Community and Mission Hospital of Florence

MHS Community and Mission Hospital of Huntington Park

MOT Motion Picture and Television Fund Hospital

PHL Promises Hospital

STV San Vicente Hospital

Add: BRH Barlow Respiratory Hospital

COA Silver Lake Medical Center

COH City Of Hope National Medical Center

NCH USC Kenneth Norris Jr. Cancer Hospital

RLA LAC/Rancho Los Amigos National Rehabilitation Center

TEM Temple Community Hospital

USH Keck Hospital of USC

Long Text Change: HOL Southern California Hospital at Hollywood

Added Field: ED Sat

Incident Information

Provider: Added:

AM Adult Medical Transportation

AD AmeriPride Ambulance

EL Elite Ambulance

EA Emergency Ambulance

GC Gentle Care Transport

MA Mauran Ambulance

MT MedCoast Ambulance

ML Med-Life Ambulance

ME Mercy Ambulance

RY Royalty Ambulance

TR Trinity Ambulance

Capnography Measurement- Initial: Revised to Multiple Entry Configuration

Physical Signs:

Modification: 12 Lead Time: Tag Name changed to: Lead12Time1st

12 Lead Result: Tag Name changed to: Lead121st

Added: Second 12 Lead Time

Second 12 Lead Result

**\*Archived Change Log Entries prior to July 2014\***

# TABLE OF CONTENTS

INSTRUCTIONS .....	17
DATA SUBMISSION DETAILS .....	18
VALIDATOR LOGIC RULES .....	19
COMMON NULL VALUES .....	20
<b>INCIDENT INFORMATION .....</b>	<b>21</b>
SEQUENCE NUMBER .....	22
ORIG. SEQ. # .....	23
DATE .....	24
INC # .....	25
JUR STA .....	26
PD & UNIT # .....	27
MCI? .....	28
RUN TYPE .....	29
PG 2 .....	30
STREET NUMBER .....	31
STREET .....	32
APT # .....	33
CITY .....	34
INCIDENT ZIP CODE .....	37
SCENE GPS LOCATION .....	38
PROV .....	39
A/B/H .....	41
UNIT .....	42
DISP DATE .....	43
DISP .....	44
ARRIVAL DATE .....	45
ARRIVAL .....	46
DATE AT PATIENT .....	47
TIME AT PATIENT .....	48
LEFT DATE .....	49
LEFT .....	50
AT FAC DATE .....	51
AT FAC .....	52
FAC EQUIP DATE .....	53
FAC EQUIP TIME .....	54
AVAIL DATE .....	55
AVAIL .....	56
TRANSPORTED BY .....	57
TEAM MEMBER ID .....	58
<b>PATIENT ASSESSMENT .....</b>	<b>59</b>
PATIENT NUMBER .....	60
TOTAL PATIENT NUMBER .....	61
NUMBER OF PATIENTS TRANSPORTED .....	62
AGE .....	63
UNITS OF AGE .....	64
GENDER .....	65
WT .....	66
UNITS OF WEIGHT .....	67
PEDS COLOR CODE .....	68
DISTRESS LEVEL .....	69
COMPLAINT .....	70
MECHANISM OF INJURY .....	72
TIME EXTRICATED .....	73
<b>GCS/MLAPSS/LAMS .....</b>	<b>74</b>
GLASGOW COMA SCALE- TIME .....	75
EYE .....	76
VERBAL .....	77

MOTOR.....	78
GCS TOTAL.....	79
NORMAL FOR PATIENT/AGE .....	80
MLAPSS.....	81
LAST KNOWN WELL DATE .....	82
LAST KNOWN WELL TIME .....	83
LAST KNOWN WELL DATE AND TIME UNKNOWN .....	84
FACIAL DROOP .....	85
ARM DRIFT.....	86
GRIP STRENGTH.....	87
TOTAL SCORE.....	88
<b>SPECIAL CIRCUMSTANCES.....</b>	<b>89</b>
DNR/AHCD/POLST? .....	90
SUSPECTED ETOH? .....	91
SUSPECTED DRUGS? .....	92
SUSPECTED ABUSE? .....	93
POISON CONTROL CONTACTED? .....	94
≥ 20 WKS IUP? .....	95
_WKS.....	96
BARRIERS TO PATIENT CARE.....	97
<b>THERAPIES.....</b>	<b>98</b>
THERAPIES.....	99
TM # .....	100
<b>THERAPY DETAILS.....</b>	<b>101</b>
CO2.....	102
OXYGEN (L/MIN).....	103
OXYGEN VIA .....	104
BLOOD GLUCOSE RESULT .....	105
CPAP PRESSURE.....	106
CPAP TIME .....	107
IV GAUGE .....	108
IO GAUGE .....	109
TRANSCUTANEOUS PACING MA.....	110
TRANSCUTANEOUS PACING BPM.....	111
TRANSCUTANEOUS PACING TIME .....	112
<b>TRANSPORT .....</b>	<b>113</b>
BASE.....	114
PROTOCOL.....	115
REC FAC .....	116
VIA .....	119
TRANS TO .....	120
REASON.....	121
AMA? .....	122
CODE 3.....	123
<b>PATIENT INFORMATION .....</b>	<b>124</b>
LAST NAME .....	125
FIRST NAME .....	126
MI .....	127
DOB .....	128
PHONE .....	129
STREET NUMBER .....	130
STREET NAME.....	131
APT # .....	132
CITY.....	133
PATIENT STATE .....	136
PATIENT ZIP CODE .....	138

<b>PHYSICAL SIGNS.....</b>	<b>139</b>
PUPILS .....	140
RESP .....	141
TIDAL VOLUME.....	142
SKIN.....	143
CAP REFILL.....	144
FIRST 12 LEAD TIME .....	145
SOFTWARE INTERPRETATION .....	146
EMS INTERPRETATION .....	147
ARTIFACT .....	148
WAVY BASELINE .....	149
PACED RHYTHM .....	150
FIRST 12-LEAD TRANSMITTED?.....	151
SECOND 12 LEAD TIME .....	152
SOFTWARE INTERPRETATION .....	153
EMS INTERPRETATION.....	154
ARTIFACT .....	155
WAVY BASELINE .....	156
PACED RHYTHM .....	157
SECOND 12-LEAD TRANSMITTED?.....	158
<b>VITAL SIGNS.....</b>	<b>159</b>
VITAL SIGN TIME .....	160
TM # .....	161
SYSTOLIC BLOOD PRESSURE .....	162
DIASTOLIC BLOOD PRESSURE.....	163
PULSE .....	164
RESPIRATORY RATE.....	165
O2 SAT .....	166
PAIN.....	167
CO2.....	168
<b>MEDICATION/ DEFIBRILLATION .....</b>	<b>169</b>
MEDS/DEFIB TIME.....	170
TM # .....	171
RHYTHM.....	172
MEDS/DEFIB .....	173
DOSE .....	174
ROUTE .....	175
RESULT .....	176
<b>CARDIAC ARREST .....</b>	<b>177</b>
ARREST DETAILS/REASON FOR WITHHOLDING RESUSCITATION .....	178
ARREST TO CPR .....	179
EMS CPR TIME .....	180
TIME OF 814 DEATH.....	181
<b>TRANSFER OF CARE .....</b>	<b>182</b>
IV FLUIDS RECEIVED.....	183
CARE TRANSFERRED TO .....	184
TRANSFER VS .....	185
TM # .....	186
SBP .....	187
DBP.....	188
PULSE .....	189
RR.....	190
O2 SAT .....	191
CO2.....	192
RHYTHM.....	193
CPAP PRESSURE.....	195
GCS E .....	196

GCS V .....	197
GCS M .....	198
GCS TOTAL.....	199
<b>ADVANCED LIFE SUPPORT CONTINUATION FORM .....</b>	<b>200</b>
REASON FOR ADVANCED AIRWAY .....	201
<b>ENDOTRACHEAL TUBE/KING AIRWAY.....</b>	<b>202</b>
ENDOTRACHEAL TUBE PARAMEDIC NUMBER .....	203
ENDOTRACHEAL TUBE SUCCESS.....	204
KING AIRWAY PARAMEDIC NUMBER .....	205
KING AIRWAY SUCCESS .....	206
ETT/KING AIRWAY INSERTION START TIME.....	207
ETT/KING AIRWAY INSERTION SUCCESS TIME .....	208
ENDOTRACHEAL/KING TUBE SIZE .....	209
DIFFICULT AIRWAY TECHNIQUES .....	210
TUBE PLACEMENT MARK AT TEETH .....	211
COMPLICATION(S) DURING TUBE PLACEMENT .....	212
<b>INITIAL ADVANCED AIRWAY PLACEMENT CONFIRMATION.....</b>	<b>213</b>
INIT. ADV. AIRWAY CONFIRMATION TECHNIQUE .....	214
CAPNOGRAPHY MEASUREMENT .....	215
EtCO <sub>2</sub> DETECTOR COLORIMETRIC .....	216
WAVEFORM CAPNOGRAPHY .....	217
<b>ONGOING ADVANCED AIRWAY PLACEMENT CONFIRMATION.....</b>	<b>218</b>
ONGOING VERIFICATION TIME .....	219
ONGOING VERIFICATION VALUE .....	220
TIME CARE TRANSFERRED.....	221
CO <sub>2</sub> .....	222
O <sub>2</sub> SAT .....	223
SPONTANEOUS RESPIRATIONS.....	224
<b>REASON ALS AIRWAY UNABLE .....</b>	<b>225</b>
REASON(S) ALS AIRWAY UNABLE .....	226
<b>CARDIAC ARREST/ RESUSCITATION .....</b>	<b>227</b>
RESTORATION OF PULSE TIME .....	228
PRONOUNCED TIME.....	229
PRONOUNCED BY .....	230
PRONOUNCED RHYTHM.....	231
<b>VERIFICATION OF ADVANCED AIRWAY PLACEMENT .....</b>	<b>232</b>
VERIFICATION TECHNIQUE(S).....	233
PATIENT DISPOSITION.....	234
PLACEMENT .....	235
SIGNED VERIFICATION .....	236



# INSTRUCTIONS

---

**Title** Name of the Data Element

**Tag Name** XSD Data Identifier

**Definition** Description of what the data element will contain

**Technical Information** This section should be reviewed by IT staff

<b>XSD Data Type</b>	<b>Required in XSD</b>
<b>Multiple Entry Configuration</b>	<b>Accepts Null Value</b>
<b>Minimum Constraint</b>	<b>Maximum Constraint</b>

**Field Values** The values or code set (variables) associated with the data element

**Additional Information** Any additional information that may be needed to explain the data element and how it may be utilized

**Data Source Hierarchy** Description of where the data is obtained from

**Other Associated Elements** Tag names of other fields that are related to the particular data element

# DATA SUBMISSION DETAILS

---

The LA-EMS Data Dictionary, LA-EMS XSD, LA-EMS XSD Validator and LA-EMS Sample XML can be found on the Lancet website at:

- <https://lancet.brickftp.com/f/48228462c>

**Format** XML

**Version** 6.0

**Volume per Submission** Maximum 5,000 patients per file

**Naming Convention** (2 letter Provider Code) + (4 digit year) + (2 digit month) + (2 digit day) + (2 digit hour) + (2 digit minute) + (2 digit second) example: AA20110907134256. **All files not sent in this format will not be imported and will be sent back for correction.**

**Data Submission** Via Secure File Transfer Protocol (SFTP) - contact EMS Data System Manager for specifics

**Submission Frequency** Minimum of 45 days after the month of occurrence

## Additional Information

- Use the 2 letter provider code issued by the EMS Agency
- Hour is recorded using 24-hour clock
- Non-nullable fields in the Incident Information or Transport sections:

Sequence Number, tag name SequenceNumber	Date, tag name Date	Run Type, tag name RunType
City, tag name IncidentCityCode	Prov, tag name Provider	Disp Date, tag name DispatchDate
Team Member ID, tag name TeamMemberID	MCI?, tag name MCI	Base, tag name Base

# VALIDATOR LOGIC RULES

---

Version 4.0.42

- Check for MOD-9 validation if **SequenceNumber** is eight (8) characters in length
- Check for Blank/Null Values in **ReceivingFacility** and report error if **Via** = 'A', 'B' or 'H'
- Report the "Invalid Date" Error if year of **DateOfBirth** is less than 1890
- Report Error if **IncidentDate** is 5 years prior to the Validation Date
- Report Error for Blanks/Null Values in **LastName**, **FirstName**, **Complaint**, and **TeamMemberID** if **RunType** = "R"
- Report Error for "OT" in the first copy of **Complaint** with valid values in other copies
- Report Error for Blank/Null Values in **MechanismOfInjury** if a Trauma Complaint is present under **Complaint**
- Report Error if **MechanismOfInjury** has a valid non-null value and no Trauma Complaint is present under **Complaint**
- Report Error if only copy of **Complaint** = "OT" when a valid non-null value is present under **MechanismOfInjury**
- Report Error if **O2Sat** or **TransferofCareO2Sat** value received is negative or greater than 100. Value must be between 0-100.
- Multi-valued fields: If there are values in the first set of data, then no nulls are needed in the other copies

# COMMON NULL VALUES

---

## Definition

These values are to be used with each of the Los Angeles-Emergency Medical Services Data Elements described in this document which have been defined to accept the Null Values.

## Field Values

- Not Applicable: BIU = 1
- Not Documented: BIU = 2

## Additional Information

- For any collection of data to be of value and reliably represent what was intended, a strong commitment must be made to ensure the correct documentation of incomplete data. When data elements associated with the LA-EMS Registry are to be electronically stored in a database or moved from one database to another using XML, the indicated null values should be applied.
- Not Applicable: This null value code applies if, at the time of patient care documentation, the information requested was “Not Applicable” to the patient or the patient care event. For example, Pediatric Weight Color Code would be “Not Applicable” if a patient was greater than fourteen years of age.
- Not Documented: This null value applies if, at the time of patient care documentation, information was “Not Known” (to the patient, family, health care provider) or no value for the element was recorded for the patient. This documents that there was an attempt to obtain information but it was unknown by all parties or the information was missing at the time of documentation. For example, Not Documented should also be coded when documentation was expected, but none was provided (i.e., no patient age recorded).

## **INCIDENT INFORMATION**

# SEQUENCE NUMBER

---

## Tag Name

- SequenceNumber

## Definition

- Unique, alphanumeric EMS record number found pre-printed at the top right corner of EMS Report Form hard copies or electronically assigned to ePCRs by the EMS provider's electronic capture device

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	8	<b>Maximum Constraint</b>	12

## Field Values

- Providers utilizing field electronic data capture devices will have a 12 alpha-numeric value, always beginning with the two-letter provider code followed by the two-digit year
- Providers utilizing EMS Report Form hard copies and submitting data electronically will have an 8 alpha-numeric value divisible by 9

## Additional Information

- **REQUIRED** for all records
- This is a unique number to the EMS Agency and must be provided to create a unique record ID within the EMS Database

## Data Source Hierarchy

- EMS Report Form
- Auto-generated by the EMS provider's electronic capture device

# ORIG. SEQ. #

---

## Tag Name

- OriginalSequenceNumber

## Definition

- Unique, alphanumeric EMS record number found pre-printed at the top right corner of EMS Report Form hard copies or electronically assigned to ePCRs by the EMS provider's electronic capture device utilized by the originating provider

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	8	<b>Maximum Constraint</b>	12

## Field Values

- Providers utilizing field electronic data capture devices will have a 12 alpha-numeric value, always beginning with the two-letter provider code followed by the two-digit year
- Providers utilizing EMS Report Form hard copies and submitting data electronically will have an 8 alpha-numeric value divisible by 9

## Additional Information

- Utilized when there is more than one provider and more than one EMS Report Form is started. This sequence number is to be utilized for all communications, e.g. Base Hospital contact

## Data Source Hierarchy

- EMS Report Form
- Auto-generated by the EMS provider's electronic capture device

# DATE

---

## Tag Name

- IncidentDate

## Definition

Date provider was notified of the incident

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Additional Information

- Must be within five (5) years of date record validated

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider



# INC #

---

## Tag Name

- IncidentNumber

## Definition

The incident number assigned by the 911 or Dispatch Center

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	15

## Field Values

- Free text

## Additional Information

- Numeric values only

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- Common Null Values

# JUR STA

---

## Tag Name

- JurisdictionalStation

## Definition

The fire station in whose jurisdiction the incident occurred

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS Provider

## Other Associated Elements

- Common Null Values

## PD & UNIT #

---

### Tag Name

- PDUntNumber

### Definition

The abbreviation and unit number/designation of the law enforcement agency on scene

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	20

### Field Values

- Free text

### Additional Information

- If multiple police departments/units are on scene, document the police department/unit in charge
- Law enforcement agencies are not considered EMS providers and therefore do not have a two-letter provider code. Please do not attempt to list them as a provider.

### Data Source Hierarchy

- EMS Provider

### Other Associated Elements

- Provider
- Common Null Values

# MCI?

---

## Tag Name

- MCI

## Definition

Field indicating whether or not the incident involved three or more patients

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

## Other Associated Elements

- Provider

# RUN TYPE

---

## Tag Name

- RunType

## Definition

The level of service required of the provider

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>R</b> REGULAR RUN	<b>N</b> NO PATIENT
<b>D</b> DEAD ON ARRIVAL	<b>B</b> PUBLIC ASSIST
<b>C</b> CX AT SCENE	<b>F</b> FIRELINE
<b>I</b> INTER-FACILITY TRANSFER	

## Additional Information

- If Run Type is **R** then the following data elements are **REQUIRED**:
  - Complaint
  - Team Member ID
  - Patient Last Name

## Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

## Other Associated Elements

- Complaint
- TeamMemberID
- PatientLastName
- Common Null Values

**Tag Name**

- Page2

**Definition**

Checkbox indicating that a Page 2 Advanced Life Support Continuation Form was needed to complete the EMS report for the patient

**Technical Information**

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

**Field Values**

- **Y** Yes
- **N** No

**Additional Information**

- Use when ALS Resuscitation or an advanced airway is provided to the patient

**Data Source Hierarchy**

- EMS Provider
- Auto-generated by the EMS Provider's software

**Other Associated Elements**

- Common Null Values

# STREET NUMBER

---

## Tag Name

- IncidentStreetNumber

## Definition

The street number of the incident location

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	10

## Field Values

- Free text

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- IncidentStreetName
- IncidentAptNumber
- IncidentCityCode
- IncidentZipCode
- IncidentSceneGPSLocation
- Common Null Values

# STREET

---

## Tag Name

- IncidentStreetName

## Definition

The name of the street where the incident occurred

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	40

## Field Values

- Free text

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- IncidentStreetNumber
- IncidentAptNumber
- IncidentCityCode
- IncidentZipCode
- IncidentSceneGPSLocation
- Common Null Values



# APT #

---

## Tag Name

- IncidentAptNumber

## Definition

The apartment number of the incident location

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	20

## Field Values

- Free text

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- IncidentStreetName
- IncidentStreetNumber
- IncidentCityCode
- IncidentZipCode
- IncidentSceneGPSLocation
- Common Null Values

# CITY

## Tag Name

- IncidentCityCode

## Definition

The city code of the incident location

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>AA</b>	Arleta	<b>CC</b>	Culver City	<b>GH</b>	Granada Hills
<b>AC</b>	Acton	<b>CE</b>	Cerritos	<b>GK</b>	Glenoaks
<b>AD</b>	Altadena	<b>CH</b>	Chatsworth	<b>GL</b>	Glendale
<b>AE</b>	Arlington Heights	<b>CI</b>	Chinatown	<b>GO</b>	Gorman
<b>AG</b>	Agua Dulce	<b>CK</b>	Charter Oak	<b>GP</b>	Glassell Park
<b>AH</b>	Agoura Hills	<b>CL</b>	Claremont	<b>GR</b>	Green Valley
<b>AL</b>	Alhambra	<b>CM</b>	Compton	<b>GV</b>	Glenview
<b>AN</b>	Athens	<b>CN</b>	Canyon Country	<b>GW</b>	Glendora
<b>AO</b>	Avocado Heights	<b>CO</b>	Commerce	<b>HA</b>	Hawthorne
<b>AR</b>	Arcadia	<b>CP</b>	Canoga Park	<b>HB</b>	Hermosa Beach
<b>AT</b>	Artesia	<b>CR</b>	Crenshaw	<b>HC</b>	Hacienda Heights
<b>AV</b>	Avalon	<b>CS</b>	Castaic	<b>HE</b>	Harvard Heights
<b>AW</b>	Atwater Village	<b>CT</b>	Century City	<b>HG</b>	Hawaiian Gardens
<b>AZ</b>	Azusa	<b>CU</b>	Cudahy	<b>HH</b>	Hidden Hills
<b>BA</b>	Bel Air Estates	<b>CV</b>	Covina	<b>HI</b>	Highland Park
<b>BC</b>	Bell Canyon	<b>CY</b>	Cypress Park	<b>HK</b>	Holly Park
<b>BE</b>	Bellflower	<b>DB</b>	Diamond Bar	<b>HO</b>	Hollywood
<b>BG</b>	Bell Gardens	<b>DO</b>	Downey	<b>HP</b>	Huntington Park
<b>BH</b>	Beverly Hills	<b>DS</b>	Del Sur	<b>HR</b>	Harbor City
<b>BK</b>	Bixby Knolls	<b>DU</b>	Duarte	<b>HV</b>	Hi Vista
<b>BL</b>	Bell	<b>DZ</b>	Dominguez	<b>HY</b>	Hyde Park
<b>BN</b>	Baldwin Hills	<b>EL</b>	East Los Angeles	<b>IG</b>	Inglewood
<b>BO</b>	Bouquet Canyon	<b>EM</b>	El Monte	<b>IN</b>	City of Industry
<b>BP</b>	Baldwin Park	<b>EN</b>	Encino	<b>IR</b>	Irwindale
<b>BR</b>	Bradbury	<b>EO</b>	El Sereno	<b>JH</b>	Juniper Hills
<b>BS</b>	Belmont Shore	<b>EP</b>	Echo Park	<b>JP</b>	Jefferson Park
<b>BT</b>	Bassett	<b>ER</b>	Eagle Rock	<b>KG</b>	Kagel Canyon
<b>BU</b>	Burbank	<b>ES</b>	El Segundo	<b>KO</b>	Koreatown
<b>BV</b>	Beverly Glen	<b>EV</b>	Elysian Valley	<b>LA</b>	Los Angeles
<b>BX</b>	Box Canyon	<b>EZ</b>	East Rancho Dominguez	<b>LB</b>	Long Beach
<b>BW</b>	Brentwood	<b>FA</b>	Fairmont	<b>LC</b>	La Canada Flintridge
<b>BY</b>	Boyle Heights	<b>FL</b>	Florence County	<b>LD</b>	Ladera Heights
<b>BZ</b>	Byzantine-Latino Quarter	<b>FO</b>	Fair Oaks Ranch	<b>LE</b>	Leona Valley
<b>CA</b>	Carson	<b>GA</b>	Gardena	<b>LF</b>	Los Feliz
<b>CB</b>	Calabasas	<b>GF</b>	Griffith Park	<b>LG</b>	Lake Hughes

<b>LH</b>	La Habra Heights	<b>PC</b>	Pacoima	<b>SV</b>	Stevenson Ranch
<b>LI</b>	Little Rock	<b>PD</b>	Palmdale	<b>SW</b>	Sawtelle
<b>LK</b>	Lakewood	<b>PE</b>	Pacific Palisades	<b>SX</b>	South Central County
<b>LL</b>	Lake Los Angeles	<b>PH</b>	Pacific Highlands	<b>SY</b>	Sylmar
<b>LM</b>	La Mirada	<b>PI</b>	Phillips Ranch	<b>SZ</b>	Studio City
<b>LN</b>	Lawndale	<b>PL</b>	Playa Vista	<b>TA</b>	Tarzana
<b>LO</b>	Lomita	<b>PM</b>	Paramount	<b>TC</b>	Temple City
<b>LP</b>	La Puente	<b>PN</b>	Panorama City	<b>TD</b>	Tropico
<b>LQ</b>	LAX	<b>PO</b>	Pomona	<b>TE</b>	Topanga State Park
<b>LR</b>	La Crescenta	<b>PP</b>	Palos Verdes Peninsula	<b>TH</b>	Thousand Oaks
<b>LS</b>	Los Nietos	<b>PR</b>	Pico Rivera	<b>TI</b>	Terminal Island
<b>LT</b>	Lancaster	<b>PS</b>	Palms	<b>TJ</b>	Tujunga
<b>LU</b>	Lake Hughes	<b>PT</b>	Porter Ranch	<b>TL</b>	Toluca Lake
<b>LV</b>	La Verne	<b>PV</b>	Palos Verdes Estates	<b>TO</b>	Torrance
<b>LW</b>	Lake View Terrace	<b>PY</b>	Playa Del Rey	<b>TP</b>	Topanga
<b>LX</b>	Lennox	<b>QH</b>	Quartz Hill	<b>TR</b>	Three Points
<b>LY</b>	Lynwood	<b>RB</b>	Redondo Beach	<b>TT</b>	Toluca Terrace
<b>LZ</b>	Lake Elizabeth	<b>RC</b>	Roosevelt Corner	<b>UC</b>	Universal City
<b>MA</b>	Malibu	<b>RD</b>	Rancho Dominguez	<b>UP</b>	University Park
<b>MB</b>	Manhattan Beach	<b>RE</b>	Rolling Hills Estates	<b>VA</b>	Valencia
<b>MC</b>	Malibu Beach	<b>RH</b>	Rolling Hills	<b>VC</b>	Venice
<b>MD</b>	Marina Del Rey	<b>RK</b>	Rancho Park	<b>VE</b>	Vernon
<b>ME</b>	Monte Nido	<b>RM</b>	Rosemead	<b>VG</b>	Valley Glen
<b>MG</b>	Montecito Heights	<b>RO</b>	Rowland Heights	<b>VI</b>	Valley Village
<b>MH</b>	Mission Hills	<b>RP</b>	Rancho Palos Verdes	<b>VL</b>	Valinda
<b>MI</b>	Mint Canyon	<b>RS</b>	Reseda	<b>VN</b>	Van Nuys
<b>ML</b>	Malibu Lake	<b>RV</b>	Rampart Village	<b>VV</b>	Val Verde
<b>MM</b>	Miracle Mile	<b>RW</b>	Rosewood	<b>VW</b>	View Park
<b>MN</b>	Montrose	<b>SA</b>	Saugus	<b>VY</b>	Valyermo
<b>MO</b>	Montebello	<b>SB</b>	Sandberg	<b>WA</b>	Walnut
<b>MP</b>	Monterey Park	<b>SC</b>	Santa Clara	<b>WB</b>	Willowbrook
<b>MR</b>	Mar Vista	<b>SD</b>	San Dimas	<b>WC</b>	West Covina
<b>MS</b>	Mount Wilson	<b>SE</b>	South El Monte	<b>WE</b>	West Hills
<b>MT</b>	Montclair	<b>SF</b>	San Fernando	<b>WG</b>	Wilsona Gardens
<b>MU</b>	Mount Olympus	<b>SG</b>	San Gabriel	<b>WH</b>	West Hollywood
<b>MV</b>	Monrovia	<b>SH</b>	Signal Hill	<b>WI</b>	Whittier
<b>MW</b>	Maywood	<b>SI</b>	Sierra Madre	<b>WK</b>	Winnetka
<b>MY</b>	Metler Valley	<b>SJ</b>	Silver Lake	<b>WL</b>	Woodland Hills
<b>NA</b>	Naples	<b>SK</b>	Sherman Oaks	<b>WM</b>	Wilmington
<b>NE</b>	Newhall	<b>SL</b>	Sun Valley	<b>WN</b>	Windsor Hills
<b>NH</b>	North Hollywood	<b>SM</b>	Santa Monica	<b>WO</b>	Westlake
<b>NN</b>	Neenach	<b>SN</b>	San Marino	<b>WP</b>	Walnut Park
<b>NO</b>	Norwalk	<b>SO</b>	South Gate	<b>WR</b>	Westchester
<b>NR</b>	Northridge	<b>SP</b>	South Pasadena	<b>WS</b>	Windsor Square
<b>NT</b>	North Hills	<b>SQ</b>	Sleepy Valley	<b>WT</b>	Watts
<b>OP</b>	Ocean Park	<b>SR</b>	San Pedro	<b>WV</b>	Westlake Village
<b>OT</b>	Other	<b>SS</b>	Santa Fe Springs	<b>WW</b>	Westwood
<b>PA</b>	Pasadena	<b>ST</b>	Santa Clarita		
<b>PB</b>	Pearblossom	<b>SU</b>	Sunland		

### **Data Source Hierarchy**

- 9-1-1 or Dispatch Center
- EMS Provider

### **Other Associated Elements**

- IncidentStreetName
- IncidentStreetNumber
- IncidentAptNumber
- IncidentZipCode
- IncidentSceneGPSLocation
- Common Null Values

# INCIDENT ZIP CODE

---

## Tag Name

- IncidentZipcode

## Definition

The zip code of the incident location

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	5	<b>Maximum Constraint</b>	5

## Field Values

- Five-digit numeric value

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- IncidentStreetName
- IncidentStreetNumber
- IncidentAptNumber
- IncidentCityCode
- IncidentSceneGPSLocation
- Common Null Values

# SCENE GPS LOCATION

---

## Tag Name

- IncidentSceneGPSLocation

## Definition

The global positioning system coordinates for the incident location

## Technical Information

<b>XSD Data Type</b>	decimal	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Numeric values only

## Additional Information

- Also known as “lat/long”
- Collected as decimal degrees. For example 33.945132/ -118.080714 indicates the address of 10100 Pioneer Boulevard, Santa Fe Springs, CA.

## Data Source Hierarchy

- 9-1-1 or Dispatch Center

## Other Associated Elements

- IncidentStreetName
- IncidentStreetNumber
- IncidentAptNumber
- IncidentCityCode
- IncidentZipCode
- Common Null Values

# PROV

## Tag Name

- Provider

## Definition

Two-letter provider code of the agency (or agencies) responding to the incident

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>AA</b>	American Professional Ambulance Corp.	<b>ES</b>	El Segundo Fire	<b>PN</b>	PRN Ambulance, Inc.
<b>AC</b>	Americare Ambulance Service	<b>EX</b>	Explorer 1 Ambulance and Medical Services	<b>PT</b>	Priority One
<b>AD</b>	AmeriPride Ambulance	<b>FS</b>	U.S. Forest Service	<b>RB</b>	Redondo Beach Fire
<b>AE</b>	Aegis Ambulance Service	<b>GC</b>	Gentle Care Transport	<b>RE</b>	REACH Air Medical Service
<b>AF</b>	Arcadia Fire	<b>GL</b>	Glendale Fire	<b>RO</b>	Rescue One Ambulance
<b>AH</b>	Alhambra Fire	<b>GR</b>	Gentle Ride Ambulance	<b>RR</b>	Rescue Services (Medic-1)
<b>AM</b>	Adult Medical Transportation	<b>GU</b>	Guardian Ambulance Service	<b>RY</b>	Royalty Ambulance
<b>AN</b>	Antelope Ambulance Service	<b>HB</b>	Hermosa Beach Fire	<b>SA</b>	San Marino Fire
<b>AR</b>	American Medical Response	<b>IA</b>	Impulse Ambulance	<b>SB</b>	San Bernardino County Provider
<b>AT</b>	All Town Ambulance, LLC	<b>LB</b>	Long Beach Fire	<b>SC</b>	Schaefer Ambulance
<b>AU</b>	AmbuServe Ambulance	<b>LH</b>	La Habra Heights Fire	<b>SG</b>	San Gabriel Fire
<b>AV</b>	Avalon Fire			<b>SI</b>	Sierra Madre Fire
<b>AW</b>	AMWest Ambulance	<b>LT</b>	Liberty Ambulance	<b>SM</b>	Santa Monica Fire
<b>BA</b>	Burbank Airport Fire Dept.	<b>LV</b>	La Verne Fire	<b>SP</b>	South Pasadena Fire
<b>BF</b>	Burbank Fire	<b>MA</b>	Mauran Ambulance	<b>SS</b>	Santa Fe Springs Fire
<b>BH</b>	Beverly Hills Fire	<b>MB</b>	Manhattan Beach Fire	<b>SY</b>	Symons Ambulance
<b>BO</b>	Bowers Companies, Inc.			<b>TF</b>	Torrance Fire
<b>CA</b>	CARE Ambulance	<b>MF</b>	Monrovia Fire	<b>TL</b>	TransLife, Inc.
<b>CB</b>	LA County Beaches	<b>MI</b>	MedResponse, Inc.	<b>TR</b>	Trinity Ambulance
<b>CC</b>	Culver City Fire	<b>ML</b>	Med-Life Ambulance Service, Inc.	<b>UC</b>	UCLA Emergency Services
<b>CF</b>	LA County Fire	<b>MO</b>	Montebello Fire	<b>UF</b>	Upland Fire
<b>CG</b>	US Coast Guard	<b>MP</b>	Monterey Park Fire	<b>VE</b>	Ventura County Fire
<b>CI</b>	LA City Fire	<b>MR</b>	MedReach Ambulance	<b>VF</b>	Vernon Fire
<b>CM</b>	Compton Fire	<b>MS</b>	Medi-Star Transport	<b>WC</b>	West Covina Fire
<b>CS</b>	LA County Sheriff	<b>MT</b>	MedCoast Ambulance	<b>WE</b>	Westcoast Ambulance
<b>DF</b>	Downey Fire	<b>MY</b>	Mercy Air	<b>WM</b>	West Med/McCormick Ambulance Service
<b>EA</b>	Emergency Ambulance	<b>OC</b>	Orange County Provider	<b>OT</b>	Other Provider
<b>EL</b>	Elite Ambulance	<b>PF</b>	Pasadena Fire		

**Additional Information**

- Law enforcement agencies are not considered EMS providers and therefore do not have a two-letter provider code. Please do not attempt to list them as a provider.

**Data Source Hierarchy**

- EMS Provider
- Auto-generated by the EMS Provider's software

**Other Associated Elements**

- Type
- Unit
- PDUUnitNumber



## A/B/H

---

### Tag Name

- Type

### Definition

The highest capability of care for the responding provider unit

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

<b>A</b> Advanced Life Support	<b>B</b> Basic Life Support
<b>H</b> Helicopter	

### Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

### Other Associated Elements

- Provider
- Unit
- Common Null Values

# UNIT

---

## Tag Name

- Unit

## Definition

The unit letter and number designation for the responding provider unit

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	5

## Field Values

- Free text

## Additional Information

- Suggested unit prefixes:
  - AU: Assessment Unit
  - AT: Assessment Truck
  - AE: Assessment Engine
  - BK: Bike
  - BT: Boat
  - CT: Cart
  - HE: Helicopter
  - PE: Paramedic Engine
  - PT: Paramedic Truck
  - SQ: Squad (no transport capability)
  - RA: Rescue (can transport)

## Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

## Other Associated Elements

- Provider
- Type
- Common Null Values

# DISP DATE

---

## Tag Name

- DispatchDate

## Definition

Date provider was notified by dispatch of the incident

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	No
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- DispatchTime

# DISP

---

## Tag Name

- DispatchTime

## Definition

Time of day the provider was notified by dispatch of the incident

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- DispatchDate
- Common Null Values

# ARRIVAL DATE

---

## Tag Name

- ArrivalDate

## Definition

Date provider arrives at the incident location

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- ArrivalTime
- Common Null Values

# ARRIVAL

---

## Tag Name

- ArrivalTime

## Definition

Time of day the responding unit arrived at the incident location

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- ArrivalDate
- Common Null Values

# DATE AT PATIENT

---

## Tag Name

- AtPatientDate

## Definition

Date provider reached the patient at the incident location

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AtPatientTime
- Common Null Values

# TIME AT PATIENT

---

## Tag Name

- AtPatientTime

## Definition

Time of day provider reached the patient at the incident location

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AtPatientDate
- Common Null Values



# LEFT DATE

---

## Tag Name

- LeftSceneDate

## Definition

Date provider left the incident location with the patient

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- LeftSceneTime
- Common Null Values

# LEFT

---

## Tag Name

- LeftSceneTime

## Definition

Time of day provider left the incident location with the patient

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- LeftSceneDate
- Common Null Values

# AT FAC DATE

---

## Tag Name

- AtFacilityDate

## Definition

Date provider arrived at the receiving facility with the patient

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AtFacilityTime
- Common Null Values

# AT FAC

---

## Tag Name

- AtFacilityTime

## Definition

Time of day the provider arrived at the receiving facility with the patient

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AtFacilityDate
- Common Null Values

# FAC EQUIP DATE

---

## Tag Name

- OnFacilityEquipmentDate

## Definition

Date provider transferred the patient to hospital equipment

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- OnFacilityEquipmentTime
- Common Null Values

# FAC EQUIP TIME

---

## Tag Name

- OnFacilityEquipmentTime

## Definition

Time of day the provider transferred the patient to hospital equipment

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- OnFacilityEquipmentDate
- Common Null Values

# AVAIL DATE

---

## Tag Name

- AvailableDate

## Definition

Date provider is available to return to service

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Value</b>	07/01/2011	<b>Maximum Value</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AvailableTime
- Common Null Values

# AVAIL

---

## Tag Name

- AvailableTime

## Definition

Time of day the provider is available to return to service

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider

## Other Associated Elements

- AvailableDate
- Common Null Values



# TRANSPORTED BY

---

## Tag Name

- TransportingUnit

## Definition

Indicates whether or not the unit physically transported the patient to the receiving facility

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Y Yes
- N No

## Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

## Other Associated Elements

- Common Null Values

# TEAM MEMBER ID

---

## Tag Name

- TeamMemberID

## Definition

The identification number of personnel involved in the patient's care

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	8

## Field Values

- Free text

## Additional Information

- The format used for Paramedics is "P" followed by the L.A. County issued accreditation number– example P1234
- The format used for EMTs is "E" followed by the CA certification number– example E12345

## Data Source Hierarchy

- EMS Provider

## **PATIENT ASSESSMENT**

# PATIENT NUMBER

---

## Tag Name

- PatientNumber

## Definition

Number identifying the patient amongst the total number of patients involved in an incident

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Additional Information

- If there is only one patient write "Pt.# 1 of 1"
- If there are two patients, and the patient is identified by the paramedics as the second patient, write "Pt.# 2 of 2"

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- TotalPatients
- NumberOfPatientsTransported
- Common Null Values

# TOTAL PATIENT NUMBER

---

## Tag Name

- TotalPatients

## Definition

The total number of patients involved in the incident

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to a two-digit numeric value

## Additional Information

- If there is only one patient write "Pt.# 1 of 1"
- If there are two patients, and the patient is identified by the paramedics as the second patient, write "Pt.# 2 of 2"

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- PatientNumber
- NumberOfPatientsTransported
- Common Null Values

# NUMBER OF PATIENTS TRANSPORTED

---

## Tag Name

- NumberOfPatientsTransported

## Definition

The total number of patients transported from an incident

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- PatientNumber
- TotalPatients
- Common Null Values

# AGE

---

## Tag Name

- Age

## Definition

Numeric value for the age (either calculated from date of birth or best approximation) of the patient

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric age value

## Data Source Hierarchy

- EMS Provider
- Auto-generated by the EMS Provider's software

## Other Associated Elements

- AgeUnit
- DateofBirth
- Common Null Values

# UNITS OF AGE

---

## Tag Name

- AgeUnit

## Definition

Checkboxes indicating units of measurement used to report the age of the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

<b>Y</b> Years	<b>M</b> Months	<b>D</b> Days	<b>W</b> Weeks	<b>H</b> Hours
<b>YE</b> Years Estimated	<b>ME</b> Months Estimated	<b>DE</b> Days Estimated	<b>WE</b> Weeks Estimated	<b>HE</b> Hours Estimated

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Age
- DateofBirth
- Common Null Values



# GENDER

---

## Tag Name

- Sex

## Definition

Checkbox indicating the gender of the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **M** Male
- **F** Female

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Common Null Values

# WT

---

## Tag Name

- Weight

## Definition

Numeric value of the weight of the patient (either as stated or best approximation)

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider

## Other Associated Elements

- WeightUnit
- PedsWeightColorCode
- Common Null Values

# UNITS OF WEIGHT

---

## Tag Name

- WeightUnit

## Definition

Checkboxes indicating units of measurement used to report patient's weight

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- L Pounds (lbs)
- K Kilograms (kg)

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider

## Other Associated Elements

- Weight
- PedsWeightColorCode
- Common Null Values

# PEDS COLOR CODE

---

## Tag Name

- PedsWeightColorCode

## Definition

Color that corresponds with the length of an infant or child as measured on a length-based pediatric resuscitation tape

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>3</b> Grey 3	<b>4</b> Grey 4	<b>5</b> Grey 5	<b>O</b> Orange	<b>I</b> Pink	<b>B</b> Blue
<b>R</b> Red	<b>W</b> White	<b>Y</b> Yellow	<b>E</b> Green	<b>U</b> Purple	<b>T</b> Too Tall

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Weight
- WeightUnit
- Common Null Values

# DISTRESS LEVEL

---

## Tag Name

- DistressLevel

## Definition

Checkboxes indicating the EMS providers' impression of the level of discomfort or severity of illness of the patient, based on assessment of signs, symptoms, and complaints

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>D</b> Mild	<b>M</b> Moderate
<b>S</b> Severe	<b>N</b> None

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Common Null Values

# COMPLAINT

## Tag Name

- Complaint

## Definition

Two-letter code(s) representing the patient's most significant medical or trauma complaints

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

Medical Complaints							
<b>AP</b>	Abdominal/Pelvic Pain	<b>CH</b>	Choking/Airway Obstruction	<b>NV</b>	Nausea/Vomiting	<b>SY</b>	Syncope
<b>AR</b>	Allergic Reaction	<b>CC</b>	Cough/Congestion	<b>NO</b>	Nose Bleed	<b>WE</b>	Weak
<b>TE</b>	Apparent Life Threatening Event (A.L.T.E)	<b>DY</b>	Dysrhythmia	<b>OB</b>	Obstetrics	<b>DI</b>	Dizzy
<b>AL</b>	Altered LOC	<b>FE</b>	Fever	<b>LA</b>	Labor	<b>VA</b>	Vaginal Bleed
<b>AE</b>	Apneic Episode	<b>FB</b>	Foreign Body	<b>NW</b>	Newborn	<b>NC</b>	No Medical Complaint
<b>OS</b>	Bleeding Other Site	<b>GI</b>	GastroIntestinal Bleed	<b>OD</b>	Overdose	<b>IM</b>	Inpatient Medical
<b>EH</b>	Behavioral	<b>HP</b>	Head Pain	<b>PO</b>	Poisoning	<b>OP</b>	Other Pain
<b>AD</b>	Agitated Delirium	<b>HY</b>	Hypoglycemia	<b>PS</b>	Palpitations	<b>DC</b>	Medical Device Complaint
<b>CA</b>	Cardiac Arrest	<b>LN</b>	Local Neurological Signs	<b>RA</b>	Respiratory Arrest	<b>OT</b>	Other
<b>DO</b>	DOA (Dead On Arrival)	<b>ND</b>	Near Drowning	<b>SE</b>	Seizure		
<b>CP</b>	Chest Pain	<b>NB</b>	Neck/Back Pain	<b>SB</b>	Shortness of Breath		

Trauma Complaints (B=Blunt, P=Penetrating)					
<b>NA</b>	No Apparent Injuries	<b>BH</b>	Blunt Head	<b>BA</b> <b>PA</b>	Abdomen
<b>BU</b>	Burns/Shock	<b>14</b>	Blunt Head Injury w/GCS <= 14	<b>BD</b>	Diffuse Abdominal Tenderness
<b>90</b>	SBP <90, <70 (<1 yr)	<b>PH</b>	Penetrating Head	<b>BG/PG</b> <b>BK/PK</b>	Genitals/Buttocks
<b>RR</b>	Respiratory rate <10/>29	<b>BF</b> <b>PF</b>	Face/Mouth	<b>BE</b> <b>PE</b>	Extremities
<b>SX</b>	Suspected Pelvic Fracture	<b>BN</b> <b>PN</b>	Neck	<b>PX</b>	Ext. ↑ knee/elbow
<b>SC</b>	Spinal Cord with Deficit	<b>BB</b> <b>PB</b>	Back	<b>BR</b>	Fractures ≥ 2 long
<b>IT</b>	Inpatient Trauma	<b>BC</b> <b>PC</b>	Chest	<b>BI</b> <b>PI</b>	Amp. ↑ wrist/ankle
<b>BL</b> <b>PL</b>	Minor Laceration/Contusion/ Abrasion	<b>FC</b>	Flail Chest	<b>BV</b> <b>PV</b>	Neuro/Vasc./Mangled
<b>BT</b> <b>PT</b>	Traumatic Arrest	<b>BP</b> <b>PP</b>	Tension Pneumo.		

#### Data Source Hierarchy

- EMS Provider

#### Additional Information

- OT (Other) is **never** the first complaint if there is a defined complaint
- Patient's with a mechanism of injury documented must also have a trauma code documented – and vice versa

#### Other Associated Elements

- MechanismOfInjury
- RunType
- Common Null Values

# MECHANISM OF INJURY

## Tag Name

- MechanismOfInjury

## Definition

Checkboxes indicating how the patient was injured

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>SB</b>	Seat Belt	<b>HL</b>	Helmet	<b>TD</b>	Telemetry Data
<b>AB</b>	Air Bag	<b>CS</b>	Car Seat/Booster	<b>AC</b>	Anticoagulants
<b>EV</b>	Enclosed Vehicle	<b>MM</b>	Motorcycle/Moped	<b>SC</b>	Special Considerations
<b>EJ</b>	Ejected	<b>FA</b>	Fall	<b>AN</b>	Animal Bite
<b>EX</b>	Extricated	<b>15</b>	Fall >15 ft (> 10 ft peds)	<b>CR</b>	Crush
<b>PS</b>	Passenger Space Intrusion	<b>AS</b>	Assault	<b>ES</b>	Electrical Shock
<b>12</b>	>12 inches, occupied	<b>ST</b>	Stabbing	<b>TB</b>	Thermal Burn
<b>18</b>	>18 inches, unoccupied	<b>GS</b>	GSW	<b>WR</b>	Work-Related
<b>SF</b>	Survived Fatal Accident	<b>SP</b>	Sports/Recreation	<b>UN</b>	Unknown
<b>20</b>	Impact > 20mph	<b>SA</b>	Self-Inflict'd/Acc.	<b>OT</b>	Other
<b>RT</b>	Ped/Bike Runover/Thrown/ > 20mph	<b>SI</b>	Self-Inflict'd/Int.		
<b>PB</b>	Ped/Bike < 20mph	<b>HE</b>	Hazmat Exposure		

## Data Source Hierarchy

- EMS Provider

## Additional Information

- Patients with a mechanism of injury documented must also have a trauma code documented – and vice versa

## Other Associated Elements

- Complaint
- Common Null Values



# TIME EXTRICATED

---

## Tag Name

- ExtricationTime

## Definition

Time of day that the patient was removed from the vehicle when use of a pneumatic tool was required

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Additional Information

- Required if MOI= EX

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- MechanismOfInjury
- Common Null Values

**GCS/mLAPSS/LAMS**

# GLASGOW COMA SCALE- TIME

---

## Tag Name

- GCSTime

## Definition

Time of day when the patient's initial, and subsequent if applicable, Glasgow Coma Scale was performed

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Eye
- Verbal
- Motor
- GCSTotal
- Common Null Values

# EYE

---

## Tag Name

- Eye

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's initial and subsequent, if applicable, eye opening response to stimuli

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>4</b> Spontaneous	<b>2</b> To Pain
<b>3</b> To Verbal	<b>1</b> None

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- GCSTime
- Verbal
- Motor
- GCSTotal
- Common Null Values

# VERBAL

---

## Tag Name

- Verbal

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's initial and subsequent, if applicable, verbal response to stimuli

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>5</b> Oriented x 3	<b>2</b> Incomprehensible
<b>4</b> Confused	<b>1</b> None
<b>3</b> Inappropriate	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- GCSTime
- Eye
- Motor
- GCSTotal
- Common Null Values

# MOTOR

---

## Tag Name

- Motor

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's initial and subsequent, if applicable, motor response to stimuli

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>6</b> Obedient	<b>3</b> Flexion
<b>5</b> Purposeful	<b>2</b> Extension
<b>4</b> Withdrawal	<b>1</b> None

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- GCSTime
- Eye
- Verbal
- GCSTotal
- Common Null Values

# GCS TOTAL

---

## Tag Name

- GCSTotal

## Definition

Sum of the three numerical values documented for each element of the patient's initial and subsequent, if applicable, Glasgow Coma Scale score(s)

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- One- or two-digit numeric value between 3 and 15

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- GCSTime
- Eye
- Verbal
- Motor
- Common Null Values

# NORMAL FOR PATIENT/AGE

---

## Tag Name

- NormalForPtAge

## Definition

Patient's behavior, although not typical of most patients, is reported by family, caregivers, etc., to be the same as it was before the incident

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Additional Information

- Can be used on patients who suffer from mental illness, dementia, developmental delays, etc. and on infants and children who are age appropriate

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- GCSTime
- Eye
- Verbal
- Motor
- GCSTotal
- Common Null Values



# mLAPSS

---

## Tag Name

- ModifiedLAStrokeScreen

## Definition

Checkbox indicating whether or not patient met all Modified Los Angeles Prehospital Stroke Screen (mLAPSS) criteria as defined in Reference 521 – Stroke Patient Destination

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **M** Met
- **N** Not met

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- FacialDroop
- ArmDrift
- GripStrength
- TotalScore
- Common Null Values

# LAST KNOWN WELL DATE

---

## Tag Name

- LastKnownWellDate

## Definition

Date when the patient was last known to be well, symptom-free, at baseline, or usual state of health

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	07/01/2011	<b>Maximum Constraint</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- FacialDroop
- ArmDrift
- GripStrength
- TotalScore
- Common Null Values

# LAST KNOWN WELL TIME

---

## Tag Name

- LastKnownWellTime

## Definition

Time of day when the patient was last known to be well, symptom-free, at baseline, or usual state of health

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellDateTimeUnk
- FacialDroop
- ArmDrift
- GripStrength
- TotalScore
- Common Null Values

# LAST KNOWN WELL DATE AND TIME UNKNOWN

---

## Tag Name

- LastKnownWellDateTimeUnk

## Definition

The date and/or time the patient was last known to be well, symptom-free, at baseline, or usual state of health is not known

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **U** Unknown

## Additional Information

- Should be reported as valid field value or Not Applicable only

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellTime
- FacialDroop
- ArmDrift
- GripStrength
- TotalScore
- Common Null Values

# FACIAL DROOP

---

## Tag Name

- FacialDroop

## Definition

Component of the LAMS that indicates whether or not the patient has a facial droop

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **0** Absent
- **1** Present

## Additional Information

- Should be reported as valid field value or Not Applicable only

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- ArmDrift
- GripStrength
- TotalScore
- Common Null Values

# ARM DRIFT

---

## Tag Name

- ArmDrift

## Definition

Component of the LAMS that indicates whether or not the patient has an arm drift

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **0** Absent
- **1** Drifts down
- **2** Falls rapidly

## Additional Information

- Should be reported as valid field value or Not Applicable only

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- FacialDroop
- GripStrength
- TotalScore
- Common Null Values

# GRIP STRENGTH

---

## Tag Name

- GripStrength

## Definition

Component of the LAMS that indicates the quality of the patient's grip strength

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **0** Normal
- **1** Weak grip
- **2** No grip

## Additional Information

- Should be reported as valid field value or Not Applicable only

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- FacialDroop
- ArmDrift
- TotalScore
- Common Null Values

# TOTAL SCORE

---

## Tag Name

- TotalScore

## Definition

Sum of the three numerical values documented for each element of the patient's LAMS score

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- One-digit numeric value between 0 and 5

## Additional Information

- Should be reported as valid field value or Not Applicable only'

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ModifiedLAStrokeScreen
- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- FacialDroop
- ArmDrift
- GripStrength
- Common Null Values



## **SPECIAL CIRCUMSTANCES**

# DNR/AHCD/POLST?

---

## Tag Name

- DNR\_AHCD\_POLST

## Definition

Checkbox indicating presence of a valid DNR, Advance Healthcare Directive (AHCD), or Physician Order for Life Sustaining Treatment (POLST) form for the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- Common Null Values

# SUSPECTED ETOH?

---

## Tag Name

- ETOHSuspected

## Definition

Checkbox indicating that statements by the patient, family, or bystanders and/or the situation and behavior suggest the patient has ingested alcohol

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Y Yes

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider
- Bystander

## Other Associated Elements

- Common Null Values

# SUSPECTED DRUGS?

---

## Tag Name

- DrugsSuspected

## Definition

Checkbox indicating that statements by the patient, family, or bystanders and/or the situation and behavior suggest the patient has used drugs

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Y Yes

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider
- Bystander

## Other Associated Elements

- Common Null Values

# SUSPECTED ABUSE?

---

## Tag Name

- AbuseSuspected

## Definition

Checkbox indicating whether family violence, neglect or abuse is suspected

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Y Yes

## Data Source Hierarchy

- Patient
- Caregiver
- Family member
- EMS provider

## Other Associated Elements

- Common Null Values

# POISON CONTROL CONTACTED?

---

## Tag Name

- PoisonControl

## Definition

Checkbox indicating whether poison control was contacted

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- 9-1-1 or Dispatch Center
- EMS provider
- Patient
- Family member
- Caregiver

## Other Associated Elements

- Common Null Values

## ≥ 20 WKS IUP?

---

### Tag Name

- TwentywksIUP

### Definition

Checkbox indicating whether the patient is greater than or equal to twenty weeks of intrauterine pregnancy, if applicable

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- **Y** Yes
- **N** No

### Data Source Hierarchy

- Patient
- Family member
- Caregiver

### Other Associated Elements

- Common Null Values

## \_ WKS

---

### Tag Name

- WksiUP

### Definition

Space indicating the number of weeks of intrauterine pregnancy, if applicable

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

### Field Values

- Up to two-digit numeric value

### Data Source Hierarchy

- Patient
- Family member
- Caregiver

### Other Associated Elements

- Common Null Values



# BARRIERS TO PATIENT CARE

---

## Tag Name

- BarrierstoPatientCare

## Definition

Specific barriers that may potentially impact patient care

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>H</b> Hearing	<b>L</b> Language
<b>P</b> Physical	<b>S</b> Speech
<b>O</b> Other	

## Data Source Hierarchy

- Patient
- Family member
- Caregiver
- EMS provider

## Other Associated Elements

- Common Null Values

# **THERAPIES**

# THERAPIES

## Tag Name

- Therapy

## Definition

Checkbox indicating what procedure(s) were performed on the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>BB</b>	Back Blows/Thrusts	<b>HD</b>	Hemostatic Dressing	<b>BL</b>	Blood Glucose
<b>BM</b>	BVM (Bag/Valve/Mask ventilations)	<b>OX</b>	Oxygen	<b>AP</b>	CPAP
<b>BS</b>	Breath Sounds	<b>RE</b>	Restraints	<b>FB</b>	Foreign Body Removal
<b>CR</b>	Chest Rise	<b>DI</b>	Distal CSM (Circulation/Sensation/Motor) Intact	<b>IV</b>	Intravenous Insertion
<b>ET</b>	Existing Trach	<b>SI</b>	Spinal Motion Restriction	<b>IO</b>	IntraOsseous Insertion
<b>NA</b>	OP (oropharyngeal)/NP (nasopharyngeal) airway	<b>IB</b>	CMS Intact- Before	<b>TH</b>	Needle Thoracostomy
<b>CM</b>	Cooling Measures	<b>IA</b>	CMS Intact- After	<b>VM</b>	Vagal Maneuvers
<b>DR</b>	Dressings	<b>SP</b>	Splint	<b>TC</b>	TransCutaneous Pacing
<b>IP</b>	Ice Pack	<b>TS</b>	Traction Splint	<b>OT</b>	Other
<b>TQ</b>	Tourniquet	<b>CC</b>	C-Collar		
<b>SU</b>	Suction	<b>BD</b>	Backboard		

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Common Null Values

## TM #

---

### Tag Name

- TMNumber

### Definition

The identification number of personnel who performed the procedure

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- Numeric values only

### Data Source Hierarchy

- EMS Provider

### Other Associated Elements

- Therapy
- Common Null Values

## **THERAPY DETAILS**

# CO2

---

## Tag Name

- CO2

## Definition

The initial numerical CO<sub>2</sub> measurement from the capnometer

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Therapy
- Common Null Values

# OXYGEN (L/MIN)

---

## Tag Name

- O2Flow

## Definition

Numeric value of the number of liters per minute of oxygen delivered to the patient

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- One- or two-digit numeric value

## Additional Information

- The oxygen delivery device used must also be indicated

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- O2Via
- Therapy
- Common Null Values

# OXYGEN VIA

---

## Tag Name

- O2Via

## Definition

Checkbox indicating the type of device used to deliver oxygen to the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **N** Nasal Cannula
- **M** Mask

## Additional Information

- The oxygen flow rate must also be indicated

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- O2Flow
- Therapy
- Common Null Values



# BLOOD GLUCOSE RESULT

---

## Tag Name

- BloodGlucose

## Definition

Numeric value of the patient's blood glucose measurement

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value
- **HI** High
- **LO** Low

## Additional Information

- #1: The initial blood glucose level
- #2: The second blood glucose level, if applicable

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Therapy
- Common Null Values

# CPAP PRESSURE

---

## Tag Name

- CPAPPressure

## Definition

The pressure setting utilized during CPAP administration

## Technical Information

<b>XSD Data Type</b>	xs:decimal	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	5

## Field Values

- Up to two-digit numeric value with two decimal places (format example 99.99)

## Additional Information

- Recorded as centimeters of water (cm H<sub>2</sub>O)

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- CPAPTime
- Therapy
- Common Null Values

# CPAP TIME

---

## Tag Name

- CPAPTime

## Definition

Time of day when CPAP was started

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- CPAPPressure
- Therapy
- Common Null Values

# IV GAUGE

---

## Tag Name

- IVGauge

## Definition

The needle size used to start the IV line

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Therapy
- Common Null Values

# IO GAUGE

---

## Tag Name

- IOGauge

## Definition

The needle size used to start the IO line

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Therapy
- Common Null Values

# TRANSCUTANEOUS PACING mA

---

## Tag Name

- TranscutaneousCurrent

## Definition

Numeric value of the electrical current strength in milliamps (mA) required to achieve capture (as evidenced by a palpable pulse that corresponds with rhythm observed on cardiac monitor) during transcutaneous pacing

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TranscutaneousRate
- TranscutaneousTime
- Therapy
- Common Null Values

# TRANSCUTANEOUS PACING BPM

---

## Tag Name

- TranscutaneousRate

## Definition

Numeric value of the rate of capture during transcutaneous pacing (as evidenced by a palpable pulse that corresponds with rhythm observed on cardiac monitor)

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TranscutaneousCurrent
- TranscutaneousTime
- Therapy
- Common Null Values

# TRANSCUTANEOUS PACING TIME

---

## Tag Name

- TranscutaneousTime

## Definition

Time of day when transcutaneous pacing (TCP) was started

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TranscutaneousRate
- TranscutaneousCurrent
- Therapy
- Common Null Values



# TRANSPORT

# BASE

---

## Tag Name

- Base

## Definition

The three-letter-code for the base hospital contacted

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	No
<b>Minimum Constraint</b>	3	<b>Maximum Constraint</b>	3

## Field Values

<b>AMH</b>	Methodist Hospital of Southern California	<b>PIH</b>	PIH Health Hospital- Whittier
<b>AVH</b>	Antelope Valley Medical Center	<b>PVC</b>	Pomona Valley Hospital Medical Center
<b>CAL</b>	California Hospital Medical Center	<b>QVH</b>	Citrus Valley Medical Center Queen of the Valley Campus
<b>CSM</b>	Cedars Sinai Medical Center	<b>SFM</b>	Saint Francis Medical Center
<b>GWT</b>	Glendale Adventist Medical Center	<b>SJS</b>	Providence Saint Joseph Medical Center
<b>HCH</b>	Providence Holy Cross Medical Center	<b>SMM</b>	Saint Mary Medical Center
<b>HGH</b>	Harbor UCLA Medical Center	<b>TOR</b>	Torrance Memorial Medical Center
<b>HMH</b>	Huntington Hospital	<b>UCL</b>	Ronald Reagan UCLA Medical Center
<b>HMN</b>	Henry Mayo Newhall Hospital	<b>USC</b>	LAC + USC Medical Center
<b>LBM</b>	Long Beach Memorial Medical Center	<b>CNA</b>	Contact Not Attempted
<b>LCM</b>	Providence Little Company of Mary Hospital Torrance	<b>MAC</b>	Medical Alert Center
<b>NRH</b>	Northridge Hospital Medical Center	<b>PRO</b>	Protocol

## Additional Information

- If base contact is not attempted, enter the three-letter code CNA
- If a protocol is used, enter the three-letter code PRO

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

# PROTOCOL

## Tag Name

- Protocol

## Definition

The four-digit numeric code of the protocol used to treat the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	4	<b>Maximum Constraint</b>	4

## Field Values

<b>1202</b>	General ALS	<b>1251</b>	Stroke/Neurological Deficit
<b>1210</b>	Cardiac Arrest	<b>1252</b>	Syncope
<b>1243</b>	Altered Level Of Consciousness	<b>1261</b>	Emergency Childbirth- Mother
<b>1244</b>	Chest Pain	<b>1262</b>	Emergency Childbirth-Newborn, Neonatal Resuscitation
<b>1247</b>	Overdose/Poisoning	<b>1264</b>	Pediatric Seizure
<b>1248</b>	Pain Management	<b>1271</b>	Burns
<b>1249</b>	Respiratory Distress	<b>1275</b>	General Trauma
<b>1250</b>	Adult Seizure	<b>1277</b>	Traumatic Arrest

## Community Paramedicine Pilot Project Field Values

<b>1400</b>	Meets Inclusion Criteria & Transported to an UCC	<b>1404</b>	Meets Inclusion Criteria But Patient Refused UCC
<b>1401</b>	Meets Inclusion Criteria But Not Transported to an UCC Due to Geography or Time Constraints	<b>1405</b>	Meets Inclusion Criteria But Outside the Normal UCC Operating Hours
<b>1402</b>	Meets Inclusion Criteria But the UCC is Closed Due to Saturation	<b>1406</b>	Patients Requiring Emergent Transfer From the UCC to an Acute-Care Facility
<b>1403</b>	Meets Inclusion Criteria But Refused by UCC MD		

## Additional Information

- Only approved providers may use Standing Field Treatment Protocols (SFTPs)
- Protocol identified must match the patient's chief complaint

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Complaint
- Common Null Values

# REC FAC

## Tag Name

- ReceivingFacility

## Definition

The three letter code of the facility to which the patient was transported

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	3	<b>Maximum Constraint</b>	3

## Field Values

<b>ACH</b>	Alhambra Hospital Medical Center	<b>ENH</b>	Encino Hospital Medical Center
<b>AHM</b>	Catalina Island Medical Center	<b>FHP</b>	Fountain Valley Hospital (Orange County)
<b>AMH</b>	Methodist Hospital of Southern California	<b>FHR</b>	Friendly Hills Regional Medical Center (Orange County)
<b>ANH</b>	Anaheim Memorial Medical Center	<b>FPH</b>	Foothill Presbyterian Hospital
<b>ARM</b>	Arrowhead Regional Medical Center (S. B. County)	<b>GAR</b>	Garfield Medical Center
<b>AVH</b>	Antelope Valley Hospital	<b>GEM</b>	Greater El Monte Community Hospital
<b>BEV</b>	Beverly Hospital	<b>GMH</b>	Glendale Memorial Hospital and Health Center
<b>BMC</b>	Brotman Medical Center	<b>GSH</b>	Good Samaritan Hospital
<b>CAL</b>	California Hospital Medical Center	<b>GWT</b>	Glendale Adventist Medical Center
<b>CHH</b>	Children's Hospital Los Angeles	<b>HBC</b>	Hyperbaric Chamber (NON-BASIC)
<b>CHI</b>	Chino Valley Medical Center (San Bernardino County)	<b>HCH</b>	Providence Holy Cross Medical Center
<b>CHO</b>	Children's Hospital of Orange County (Orange Co.)	<b>HEV</b>	Glendora Community Hospital
<b>CHP</b>	Community Hospital of Huntington Park	<b>HGH</b>	LAC Harbor-UCLA Medical Center
<b>CNT</b>	Centinela Hospital Medical Center	<b>HMH</b>	Huntington Hospital
<b>CPM</b>	Coast Plaza Doctors Hospital	<b>HMN</b>	Henry Mayo Newhall Hospital
<b>CSM</b>	Cedars-Sinai Medical Center	<b>HWH</b>	West Hills Hospital and Medical Center
<b>DCH</b>	PIH Health Hospital - Downey	<b>ICH</b>	Citrus Valley Medical Center Intercommunity Campus
<b>DFM</b>	Marina Del Rey Hospital	<b>KFA</b>	Kaiser Foundation - Baldwin Park
<b>DHL</b>	Lakewood Regional Medical Center	<b>KFB</b>	Kaiser Permanente Downey Medical Center
<b>DHM</b>	Doctor's Hospital of Montclair (San Bernardino County)	<b>KFF</b>	Kaiser Foundation Hospital – Fontana (S.B. Co.)
<b>ELA</b>	East Los Angeles Doctors Hospital	<b>KFH</b>	Kaiser Permanente South Bay Medical Center

<b>KFI</b>	Kaiser Permanente Irvine Medical Center	<b>QOA</b>	Hollywood Presbyterian Medical Center
<b>KFL</b>	Kaiser Permanente Los Angeles Medical Center	<b>QVH</b>	Citrus Valley Medical Center Queen of the Valley Campus
<b>KFN</b>	Kaiser Foundation Ontario (S.B. Co.)	<b>RCC</b>	Ridgecrest Regional Hospital (Kern County)
<b>KFO</b>	Kaiser Permanente Woodland Hills Medical Center	<b>SAC</b>	San Antonio Community Hospital (S.B. Co.)
<b>KFP</b>	Kaiser Permanente Panorama City Medical Center	<b>SDC</b>	San Dimas Community Hospital
<b>KFW</b>	Kaiser Permanente West LA Medical Center	<b>SFM</b>	Saint Francis Medical Center
<b>KHA</b>	Kaiser Foundation Hospital -Anaheim (Orange County)	<b>SGC</b>	San Gabriel Valley Medical Center
<b>LAG</b>	Los Alamitos Medical Center (Orange County)	<b>SIM</b>	Simi Valley Hospital (Ventura County)
<b>LBC</b>	Community Hospital of Long Beach	<b>SJD</b>	Saint Jude Medical Center (Orange County)
<b>LBM</b>	Long Beach Memorial Medical Center	<b>SJH</b>	Providence Saint John's Health Center
<b>LBV</b>	Long Beach Veteran Administration (NON-BASIC)	<b>SJO</b>	Saint John Regional Medical Center (Ventura County)
<b>LCH</b>	Lancaster Community Hospital	<b>SJS</b>	Providence Saint Joseph Medical Center
<b>LCM</b>	Providence Little Company of Mary Torrance	<b>SMH</b>	UCLA Medical Center, Santa Monica
<b>LLU</b>	Loma Linda University Medical Center (San Bernardino County)	<b>SMM</b>	Saint Mary Medical Center
<b>LPI</b>	La Palma Intercommunity Hospital (Orange County)	<b>SOC</b>	Sherman Oaks Hospital
<b>LRR</b>	Los Robles Hospital and Medical Center (Ventura County)	<b>SPP</b>	Providence Little Company of Mary San Pedro
<b>MCP</b>	Mission Community Hospital	<b>SVH</b>	St. Vincent Medical Center
<b>MHG</b>	Memorial Hospital Gardena	<b>TOR</b>	Torrance Memorial Medical Center
<b>MID</b>	Olympia Medical Center	<b>TRI</b>	Tri-City Regional Medical Center
<b>MLK</b>	Martin Luther King, Jr. Community Hospital	<b>TRM</b>	Providence Tarzana Medical Center Tarzana Campus
<b>MPH</b>	Monterey Park Hospital	<b>UCI</b>	University of California Irvine (Orange County)
<b>NOR</b>	Norwalk Community Hospital	<b>UCL</b>	Ronald Reagan UCLA Medical Center
<b>NRH</b>	Northridge Hospital Medical Center Roscoe Campus	<b>USC</b>	LAC + USC Medical Center
<b>OTH</b>	Other (FACILITY NOT LISTED)	<b>VHH</b>	Verdugo Hills Hospital
<b>OVM</b>	LAC Olive View Medical Center	<b>VPH</b>	Valley Presbyterian Hospital
<b>PAC</b>	Pacifica Hospital of the Valley	<b>WHH</b>	Whittier Hospital Medical Center
<b>PIH</b>	PIH Health Hospital- Whittier	<b>WMC</b>	Western Medical Center Santa Ana (Orange County)
<b>PLB</b>	Pacific Hospital of Long Beach	<b>WMH</b>	White Memorial Medical Center
<b>PLH</b>	Placentia Linda Hospital (Orange County)	<b>WVA</b>	Veterans Administration Hospital of West Los Angeles (NON-BASIC)
<b>PVC</b>	Pomona Valley Hospital Medical Center		

<b>DISASTER RECEIVING FACILITIES ONLY</b>			
<b>BRH</b>	Barlow Respiratory Hospital	<b>NCH</b>	USC Kenneth Norris Jr. Cancer Center
<b>COA</b>	Silver Lake Medical Center	<b>PAM</b>	Pacific Alliance Medical Center
<b>COH</b>	City of Hope National Medical Center	<b>RLA</b>	LAC-Rancho Los Amigos
<b>LAC</b>	Los Angeles Community Hospital – Olympic	<b>TEM</b>	Temple Community Hospital
<b>HOL</b>	Southern California Hospital at Hollywood	<b>USH</b>	Keck Hospital of USC
<b>KMC</b>	Kern Medical Center		

<b>COMMUNITY PARAMEDICINE PILOT PROJECT FACILITIES ONLY</b>			
<b>U9C</b>	Urgent 9 Care Center	<b>URC</b>	Rapid Care Glendale
<b>UAH</b>	Adventist Health Urgent Care Montrose	<b>USM</b>	UCLA Santa Monica-Wilshire Office/South Bay Physicians
<b>UKP</b>	Kaiser Urgent Care Clinic Pasadena	<b>UVH</b>	Verdugo Hills Medical Associates
<b>UPC</b>	Pasadena Community Urgent Care		

**Data Source Hierarchy**

- EMS provider

**Other Associated Elements**

- Via
- Common Null Values

# VIA

---

## Tag Name

- Via

## Definition

Checkbox indicating the type of transport unit used

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>A</b> ALS	<b>H</b> Helicopter
<b>B</b> BLS	<b>N</b> No Transport

## Additional Information

- If field value is “A”, “B”, or “H” then a receiving facility must be documented

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ReceivingFacility
- Common Null Values

# TRANS TO

---

## Tag Name

- TransportedTo

## Definition

Checkbox indicating the actual destination of the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>M</b> Most Accessible Receiving (MAR)	<b>N</b> Perinatal
<b>T</b> Trauma Center (TC)/Pediatric Trauma Center (PTC)	<b>P</b> Pediatric Medical Center (PMC)
<b>S</b> STEMI Receiving Center (SRC)	<b>E</b> Emergency Department Approved for Pediatrics (EDAP)
<b>R</b> Sexual Assault Response Team (SART) facility	<b>A</b> Primary Stroke Center (PSC)
<b>O</b> Other	<b>K</b> Comprehensive Stroke Center (CSC)

## Additional Information

- If patient was transported then a 'Via' value must be documented

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ReceivingFacility
- Via
- Common Null Values



# REASON

---

## Tag Name

- Reason

## Definition

Checkboxes indicating the reason that the patient was transported to a facility other than the most accessible receiving facility or specialty center

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **A** No Specialty Center Access
- **C** Criteria/Required
- **E** ED Sat
- **G** Guidelines
- **J** Judgment
- **N** No Specialty Center Required
- **R** Request
- **X** Extremis

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ReceivingFacility
- Via
- Common Null Values

# AMA?

---

## Tag Name

- AMA

## Definition

Checkbox indicating whether the patient refused transport and signed out against medical advice

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- MAR
- Via
- Common Null Values

# CODE 3

---

## Tag Name

- Code3

## Definition

The patient is transported to the receiving facility Code 3

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ReceivingFacility
- Via
- Common Null Values

## **PATIENT INFORMATION**

# LAST NAME

---

## Tag Name

- LastName

## Definition

The patient's last name

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	25

## Field Values

- Free text

## Additional Information

- If Run Type=R , then the patient's last name must be documented

## Data Source Hierarchy

- Patient
- Family member
- Caretaker

## Other Associated Elements

- RunType
- FirstName
- Common Null Values

# FIRST NAME

---

## Tag Name

- FirstName

## Definition

The patient's first name

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	15

## Field Values

- Free text

## Additional Information

- If Run Type=R , then the patient's first name must be documented

## Data Source Hierarchy

- Patient
- Family member
- Caretaker

## Other Associated Elements

- RunType
- LastName
- Common Null Values

# MI

---

## Tag Name

- MI

## Definition

The first letter of the patient's middle name

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Free text

## Data Source Hierarchy

- Patient
- Family member
- Caretaker

## Other Associated Elements

- RunType
- LastName
- FirstName
- Common Null Values

# DOB

---

## Tag Name

- DateofBirth

## Definition

The patient's date of birth

## Technical Information

<b>XSD Data Type</b>	xs:date	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	01/01/1890	<b>Maximum Constraint</b>	Current Date

## Field Values

- Collected as standard XML format YYYY-MM-DD

## Additional Information

- Year must be after 1890

## Data Source Hierarchy

- Patient
- Family member
- Caretaker

## Other Associated Elements

- Common Null Values



# PHONE

---

## Tag Name

- PatientPhoneNumber

## Definition

The patient's primary telephone number

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	7	<b>Maximum Constraint</b>	10

## Field Values

- Free text

## Data Source Hierarchy

- Patient
- Family member
- Caretaker

## Other Associated Elements

- Common Null Values

# STREET NUMBER

---

## Tag Name

- PatientStreetNumber

## Definition

The street number of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	10

## Field Values

- Free text

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider
- 9-1-1 or Dispatch Center
- 

## Other Associated Elements

- PatientStreetName
- PatientAptNumber
- PatientCityCode
- PatientZipCode
- PatientState
- Common Null Values

# STREET NAME

---

## Tag Name

- PatientStreetName

## Definition

The name of the street of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	40

## Field Values

- Free text

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider
- 9-1-1 or Dispatch Center
- 

## Other Associated Elements

- PatientStreetNumber
- PatientAptNumber
- PatientCityCode
- PatientZipCode
- PatientState
- Common Null Values

# APT #

---

## Tag Name

- PatientAptNumber

## Definition

The apartment number of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	6

## Field Values

- Free text

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider
- 9-1-1 or Dispatch Center

## Other Associated Elements

- PatientStreetName
- PatientStreetNumber
- PatientCityCode
- PatientZipCode
- PatientState
- Common Null Values

# CITY

## Tag Name

- PatientCityCode

## Definition

The city code of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>AA</b>	Arleta	<b>CC</b>	Culver City	<b>GH</b>	Granada Hills
<b>AC</b>	Acton	<b>CE</b>	Cerritos	<b>GK</b>	Glenoaks
<b>AD</b>	Altadena	<b>CH</b>	Chatsworth	<b>GL</b>	Glendale
<b>AE</b>	Arlington Heights	<b>CI</b>	Chinatown	<b>GO</b>	Gorman
<b>AG</b>	Agua Dulce	<b>CK</b>	Charter Oak	<b>GP</b>	Glassell Park
<b>AH</b>	Agoura Hills	<b>CL</b>	Claremont	<b>GR</b>	Green Valley
<b>AL</b>	Alhambra	<b>CM</b>	Compton	<b>GV</b>	Glenview
<b>AN</b>	Athens	<b>CN</b>	Canyon Country	<b>GW</b>	Glendora
<b>AO</b>	Avocado Heights	<b>CO</b>	Commerce	<b>HA</b>	Hawthorne
<b>AR</b>	Arcadia	<b>CP</b>	Canoga Park	<b>HB</b>	Hermosa Beach
<b>AT</b>	Artesia	<b>CR</b>	Crenshaw	<b>HC</b>	Hacienda Heights
<b>AV</b>	Avalon	<b>CS</b>	Castaic	<b>HE</b>	Harvard Heights
<b>AW</b>	Atwater Village	<b>CT</b>	Century City	<b>HG</b>	Hawaiian Gardens
<b>AZ</b>	Azusa	<b>CU</b>	Cudahy	<b>HH</b>	Hidden Hills
<b>BA</b>	Bel Air Estates	<b>CV</b>	Covina	<b>HI</b>	Highland Park
<b>BC</b>	Bell Canyon	<b>CY</b>	Cypress Park	<b>HK</b>	Holly Park
<b>BE</b>	Bellflower	<b>DB</b>	Diamond Bar	<b>HO</b>	Hollywood
<b>BG</b>	Bell Gardens	<b>DO</b>	Downey	<b>HP</b>	Huntington Park
<b>BH</b>	Beverly Hills	<b>DS</b>	Del Sur	<b>HR</b>	Harbor City
<b>BK</b>	Bixby Knolls	<b>DU</b>	Duarte	<b>HV</b>	Hi Vista
<b>BL</b>	Bell	<b>DZ</b>	Dominguez	<b>HY</b>	Hyde Park
<b>BN</b>	Baldwin Hills	<b>EL</b>	East Los Angeles	<b>IG</b>	Inglewood
<b>BO</b>	Bouquet Canyon	<b>EM</b>	El Monte	<b>IN</b>	City of Industry
<b>BP</b>	Baldwin Park	<b>EN</b>	Encino	<b>IR</b>	Irwindale
<b>BR</b>	Bradbury	<b>EO</b>	El Sereno	<b>JH</b>	Juniper Hills
<b>BS</b>	Belmont Shore	<b>EP</b>	Echo Park	<b>JP</b>	Jefferson Park
<b>BT</b>	Bassett	<b>ER</b>	Eagle Rock	<b>KG</b>	Kagel Canyon
<b>BU</b>	Burbank	<b>ES</b>	El Segundo	<b>KO</b>	Koreatown
<b>BV</b>	Beverly Glen	<b>EV</b>	Elysian Valley	<b>LA</b>	Los Angeles
<b>BX</b>	Box Canyon	<b>EZ</b>	East Rancho Dominguez	<b>LB</b>	Long Beach
<b>BW</b>	Brentwood	<b>FA</b>	Fairmont	<b>LC</b>	La Canada Flintridge
<b>BY</b>	Boyle Heights	<b>FL</b>	Florence County	<b>LD</b>	Ladera Heights
<b>BZ</b>	Byzantine-Latino Quarter	<b>FO</b>	Fair Oaks Ranch	<b>LE</b>	Leona Valley
<b>CA</b>	Carson	<b>GA</b>	Gardena	<b>LF</b>	Los Feliz
<b>CB</b>	Calabasas	<b>GF</b>	Griffith Park	<b>LG</b>	Lake Hughes

<b>LH</b>	La Habra Heights	<b>PC</b>	Pacoima	<b>SV</b>	Stevenson Ranch
<b>LI</b>	Little Rock	<b>PD</b>	Palmdale	<b>SW</b>	Sawtelle
<b>LK</b>	Lakewood	<b>PE</b>	Pacific Palisades	<b>SX</b>	South Central County
<b>LL</b>	Lake Los Angeles	<b>PH</b>	Pacific Highlands	<b>SY</b>	Sylmar
<b>LM</b>	La Mirada	<b>PI</b>	Phillips Ranch	<b>SZ</b>	Studio City
<b>LN</b>	Lawndale	<b>PL</b>	Playa Vista	<b>TA</b>	Tarzana
<b>LO</b>	Lomita	<b>PM</b>	Paramount	<b>TC</b>	Temple City
<b>LP</b>	La Puente	<b>PN</b>	Panorama City	<b>TD</b>	Tropico
<b>LQ</b>	LAX	<b>PO</b>	Pomona	<b>TE</b>	Topanga State Park
<b>LR</b>	La Crescenta	<b>PP</b>	Palos Verdes Peninsula	<b>TH</b>	Thousand Oaks
<b>LS</b>	Los Nietos	<b>PR</b>	Pico Rivera	<b>TI</b>	Terminal Island
<b>LT</b>	Lancaster	<b>PS</b>	Palms	<b>TJ</b>	Tujunga
<b>LU</b>	Lake Hughes	<b>PT</b>	Porter Ranch	<b>TL</b>	Toluca Lake
<b>LV</b>	La Verne	<b>PV</b>	Palos Verdes Estates	<b>TO</b>	Torrance
<b>LW</b>	Lake View Terrace	<b>PY</b>	Playa Del Rey	<b>TP</b>	Topanga
<b>LX</b>	Lennox	<b>QH</b>	Quartz Hill	<b>TR</b>	Three Points
<b>LY</b>	Lynwood	<b>RB</b>	Redondo Beach	<b>TT</b>	Toluca Terrace
<b>LZ</b>	Lake Elizabeth	<b>RC</b>	Roosevelt Corner	<b>UC</b>	Universal City
<b>MA</b>	Malibu	<b>RD</b>	Rancho Dominguez	<b>UP</b>	University Park
<b>MB</b>	Manhattan Beach	<b>RE</b>	Rolling Hills Estates	<b>VA</b>	Valencia
<b>MC</b>	Malibu Beach	<b>RH</b>	Rolling Hills	<b>VC</b>	Venice
<b>MD</b>	Marina Del Rey	<b>RK</b>	Rancho Park	<b>VE</b>	Vernon
<b>ME</b>	Monte Nido	<b>RM</b>	Rosemead	<b>VG</b>	Valley Glen
<b>MG</b>	Montecito Heights	<b>RO</b>	Rowland Heights	<b>VI</b>	Valley Village
<b>MH</b>	Mission Hills	<b>RP</b>	Rancho Palos Verdes	<b>VL</b>	Valinda
<b>MI</b>	Mint Canyon	<b>RS</b>	Reseda	<b>VN</b>	Van Nuys
<b>ML</b>	Malibu Lake	<b>RV</b>	Rampart Village	<b>VV</b>	Val Verde
<b>MM</b>	Miracle Mile	<b>RW</b>	Rosewood	<b>VW</b>	View Park
<b>MN</b>	Montrose	<b>SA</b>	Saugus	<b>VY</b>	Valyermo
<b>MO</b>	Montebello	<b>SB</b>	Sandberg	<b>WA</b>	Walnut
<b>MP</b>	Monterey Park	<b>SC</b>	Santa Clara	<b>WB</b>	Willowbrook
<b>MR</b>	Mar Vista	<b>SD</b>	San Dimas	<b>WC</b>	West Covina
<b>MS</b>	Mount Wilson	<b>SE</b>	South El Monte	<b>WE</b>	West Hills
<b>MT</b>	Montclair	<b>SF</b>	San Fernando	<b>WG</b>	Wilsona Gardens
<b>MU</b>	Mount Olympus	<b>SG</b>	San Gabriel	<b>WH</b>	West Hollywood
<b>MV</b>	Monrovia	<b>SH</b>	Signal Hill	<b>WI</b>	Whittier
<b>MW</b>	Maywood	<b>SI</b>	Sierra Madre	<b>WK</b>	Winnetka
<b>MY</b>	Metler Valley	<b>SJ</b>	Silver Lake	<b>WL</b>	Woodland Hills
<b>NA</b>	Naples	<b>SK</b>	Sherman Oaks	<b>WM</b>	Wilmington
<b>NE</b>	Newhall	<b>SL</b>	Sun Valley	<b>WN</b>	Windsor Hills
<b>NH</b>	North Hollywood	<b>SM</b>	Santa Monica	<b>WO</b>	Westlake
<b>NN</b>	Neenach	<b>SN</b>	San Marino	<b>WP</b>	Walnut Park
<b>NO</b>	Norwalk	<b>SO</b>	South Gate	<b>WR</b>	Westchester
<b>NR</b>	Northridge	<b>SP</b>	South Pasadena	<b>WS</b>	Windsor Square
<b>NT</b>	North Hills	<b>SQ</b>	Sleepy Valley	<b>WT</b>	Watts
<b>OP</b>	Ocean Park	<b>SR</b>	San Pedro	<b>WV</b>	Westlake Village
<b>OT</b>	Other	<b>SS</b>	Santa Fe Springs	<b>WW</b>	Westwood
<b>PA</b>	Pasadena	<b>ST</b>	Santa Clarita		
<b>PB</b>	Pearblossom	<b>SU</b>	Sunland		

### **Data Source Hierarchy**

- Patient
- Family member
- Caretaker
- EMS Provider
- 9-1-1 or Dispatch Center
- 

### **Other Associated Elements**

- PatientStreetName
- PatientStreetNumber
- PatientAptNumber
- PatientZipCode
- PatientState
- Common Null Values

# PATIENT STATE

## Tag Name

- PatientState

## Definition

The state of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>AK</b>	Alaska	<b>KS</b>	Kansas	<b>NM</b>	New Mexico	<b>WI</b>	Wisconsin
<b>AL</b>	Alabama	<b>KY</b>	Kentucky	<b>NV</b>	Nevada	<b>WV</b>	West Virginia
<b>AR</b>	Arkansas	<b>LA</b>	Louisiana	<b>NY</b>	New York	<b>WY</b>	Wyoming
<b>AZ</b>	Arizona	<b>MA</b>	Massachusetts	<b>OH</b>	Ohio	<b>AS</b>	American Samoa
<b>CA</b>	California	<b>MD</b>	Maryland	<b>OK</b>	Oklahoma	<b>FM</b>	Federated States of Micronesia
<b>CO</b>	Colorado	<b>ME</b>	Maine	<b>OR</b>	Oregon	<b>GU</b>	Guam
<b>CT</b>	Connecticut	<b>MI</b>	Michigan	<b>PA</b>	Pennsylvania	<b>MH</b>	Marshall Islands
<b>DC</b>	District of Columbia	<b>MN</b>	Minnesota	<b>RI</b>	Rhode Island	<b>MP</b>	Northern Mariana Islands
<b>DE</b>	Delaware	<b>MO</b>	Missouri	<b>SC</b>	South Carolina	<b>PR</b>	Puerto Rico
<b>FL</b>	Florida	<b>MS</b>	Mississippi	<b>SD</b>	South Dakota	<b>PW</b>	Palau
<b>GA</b>	Georgia	<b>MT</b>	Montana	<b>TN</b>	Tennessee	<b>UM</b>	US Minor Outlying Islands
<b>HI</b>	Hawaii	<b>NC</b>	North Carolina	<b>TX</b>	Texas	<b>VI</b>	Virgin Islands of the US
<b>IA</b>	Iowa	<b>NH</b>	New Hampshire	<b>UT</b>	Utah	<b>OT</b>	Other
<b>ID</b>	Idaho	<b>ND</b>	North Dakota	<b>VA</b>	Virginia		
<b>IL</b>	Illinois	<b>NE</b>	Nebraska	<b>VT</b>	Vermont		
<b>IN</b>	Indiana	<b>NJ</b>	New Jersey	<b>WA</b>	Washington		



### **Data Source Hierarchy**

- Patient
- Family member
- Caretaker
- EMS Provider

### **Other Associated Elements**

- PatientStreetName
- PatientStreetNumber
- PatientAptNumber
- PatientZipCode
- PatientCityCode
- Common Null Values

# PATIENT ZIP CODE

---

## Tag Name

- PatientZipcode

## Definition

The zip code of the patient's primary residence

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	5	<b>Maximum Constraint</b>	5

## Field Values

- Five-digit numeric value

## Data Source Hierarchy

- Patient
- Family member
- Caretaker
- EMS Provider
- 9-1-1 or Dispatch Center

## Other Associated Elements

- PatientStreetName
- PatientStreetNumber
- PatientAptNumber
- PatientZipCode
- PatientCityCode
- PatientStateCode
- Common Null Values

## **PHYSICAL SIGNS**

# PUPILS

---

## Tag Name

- Pupil

## Definition

Checkboxes indicating the findings from assessment of the patient's initial pupillary response to light

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>P</b> PERL	<b>I</b> Pinpoint	<b>S</b> Sluggish	<b>F</b> Fixed & Dilated
<b>C</b> Cataracts	<b>U</b> Unequal	<b>N</b> Patient's Normal	

## Additional Information

- If a value of "N" is documented, another value must also be entered, for example "S"

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Common Null Values

# RESP

---

## Tag Name

- Resp

## Definition

Checkboxes indicating findings from initial assessment of the patient's respiratory system

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>N</b> Normal	<b>R</b> Rales
<b>C</b> Clear	<b>A</b> Apnea
<b>W</b> Wheezes	<b>G</b> Snoring
<b>H</b> Rhonchi	<b>J</b> JVD (Jugular Venous Distension)
<b>U</b> Unequal	<b>M</b> AMU (Accessory Muscle Use)
<b>S</b> Stridor	<b>L</b> Labored

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Common Null Values

# TIDAL VOLUME

---

## Tag Name

- TidalVolume

## Definition

Checkbox indicating the depth of inspiration observed during the initial assessment of the patient's respiratory system

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **N** Normal
- **+** Increased
- **-** Decreased

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Resp
- Common Null Values

# SKIN

---

## Tag Name

- Skin

## Definition

Checkboxes indicating findings from assessment of the patient's initial skin signs

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>N</b> Normal	<b>H</b> Hot
<b>C</b> Cyanotic	<b>L</b> Cold
<b>P</b> Pale	<b>D</b> Diaphoretic
<b>F</b> Flushed	

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Common Null Values

# CAP REFILL

---

## Tag Name

- CapillaryRefill

## Definition

Capillary refill time

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- R Normal
- E Delayed

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- Skin
- Common Null Values



# FIRST 12 LEAD TIME

---

## Tag Name

- Lead12Time1st

## Definition

Time of day the first 12-lead ECG was performed

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- SoftwareInterpretation1st
- EMSInterpretation1st
- Artifact1st
- WavyBaseline1st
- PacedRhythm1st
- Lead121stTransmitted
- Common Null Values

# SOFTWARE INTERPRETATION

---

## Tag Name

- SoftwareInterpretation1st

## Definition

Checkbox indicating the software interpretation of the 1<sup>st</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>NL</b>	Normal
<b>MI</b>	STEMI
<b>AB</b>	Abnormal

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- EMSInterpretation1st
- Artifact1st
- WavyBaseline1st
- PacedRhythm1st
- Lead121stTransmitted
- Common Null Values

# EMS INTERPRETATION

---

## Tag Name

- EMSInterpretation1st

## Definition

Checkbox indicating EMS personnel's interpretation of the 1<sup>st</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>NL</b>	Normal
<b>MI</b>	STEMI
<b>AB</b>	Abnormal

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- SoftwareInterpretation1st
- Artifact1st
- WavyBaseline1st
- PacedRhythm1st
- Lead121stTransmitted
- Common Null Values

# ARTIFACT

---

## Tag Name

- Artifact1st

## Definition

Checkbox indicating whether artifact was observed on the 1<sup>st</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- SoftwareInterpretation1st
- EMSInterpretation1st
- WavyBaseline1st
- PacedRhythm1st
- Lead121stTransmitted
- Common Null Values

# WAVY BASELINE

---

## Tag Name

- WavyBaseline1st

## Definition

Checkbox indicating whether the baseline of the ECG tracing moves with respiration on the 1<sup>st</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- SoftwareInterpretation1st
- EMSInterpretation1st
- Artifact1st
- PacedRhythm1st
- Lead121stTransmitted
- Common Null Values

# PACED RHYTHM

---

## Tag Name

- PacedRhythm1st

## Definition

Checkbox indicating whether a pacemaker generated rhythm was present on the 1<sup>st</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- SoftwareInterpretation1st
- EMSInterpretation1st
- Artifact1st
- WavyBaseline1st
- Lead121stTransmitted
- Common Null Values

# FIRST 12-LEAD TRANSMITTED?

---

## Tag Name

- Lead121stTransmitted

## Definition

Checkbox indicating whether the first 12-lead performed was transmitted to the receiving facility

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time1st
- SoftwareInterpretation1st
- EMSInterpretation1st
- Artifact1st
- WavyBaseline1st
- PacedRhythm1st
- Common Null Values

# SECOND 12 LEAD TIME

---

## Tag Name

- Lead12Time2nd

## Definition

Time of day the second 12-lead ECG was performed

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- SoftwareInterpretation2nd
- EMSInterpretation2nd
- Artifact2nd
- WavyBaseline2nd
- PacedRhythm2nd
- Lead122ndTransmitted
- Common Null Values



# SOFTWARE INTERPRETATION

---

## Tag Name

- SoftwareInterpretation2nd

## Definition

Checkbox indicating the software interpretation of the 2<sup>nd</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>NL</b>	Normal
<b>MI</b>	STEMI
<b>AB</b>	Abnormal

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time2nd
- EMSInterpretation2nd
- Artifact2nd
- WavyBaseline2nd
- PacedRhythm2nd
- Lead122ndTransmitted
- Common Null Values

# EMS INTERPRETATION

---

## Tag Name

- EMSInterpretation2nd

## Definition

Checkbox indicating EMS personnel's interpretation of the 2<sup>nd</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>NL</b>	Normal
<b>MI</b>	STEMI
<b>AB</b>	Abnormal

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time2nd
- SoftwareInterpretation2nd
- Artifact2nd
- WavyBaseline2nd
- PacedRhythm2nd
- Lead122ndTransmitted
- Common Null Values

# ARTIFACT

---

## Tag Name

- Artifact2nd

## Definition

Checkbox indicating whether artifact was observed on the 2<sup>nd</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time2nd
- SoftwareInterpretation2nd
- EMSInterpretation2nd
- WavyBaseline2nd
- PacedRhythm2nd
- Lead122ndTransmitted
- Common Null Values

# WAVY BASELINE

---

## Tag Name

- WavyBaseline2nd

## Definition

Checkbox indicating whether the baseline of the ECG tracing moves with respiration on the 2<sup>nd</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time2nd
- SoftwareInterpretation2nd
- EMSInterpretation2nd
- Artifact2nd
- PacedRhythm2nd
- Lead122ndTransmitted
- Common Null Values

# PACED RHYTHM

---

## Tag Name

- PacedRhythm2nd

## Definition

Checkbox indicating whether a pacemaker generated rhythm was present on the 2<sup>nd</sup> 12-lead ECG performed

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Lead12Time2nd
- SoftwareInterpretation2nd
- EMSInterpretation2nd
- Artifact2nd
- WavyBaseline2nd
- Lead122ndTransmitted
- Common Null Values

## SECOND 12-LEAD TRANSMITTED?

---

### Tag Name

- Lead122ndTransmitted

### Definition

Checkbox indicating whether the second 12-lead performed was transmitted to the receiving facility

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- **Y** Yes
- **N** No

### Data Source Hierarchy

- EMS provider

### Other Associated Elements

- Lead12Time2nd
- SoftwareInterpretation2nd
- EMSInterpretation2nd
- Artifact2nd
- WavyBaseline2nd
- PacedRhythm2nd
- Common Null Values

## **VITAL SIGNS**

# VITAL SIGN TIME

---

## Tag Name

- Time

## Definition

Time of day the patient's vital signs are obtained

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- PainScale
- CO2
- Common Null Values



## TM #

---

### Tag Name

- TMNumber

### Definition

The number of the team member who obtained vital signs from the patient

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- Free text

### Data Source Hierarchy

- EMS provider

### Other Associated Elements

- Time
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- PainScale
- CO2
- Common Null Values

# SYSTOLIC BLOOD PRESSURE

---

## Tag Name

- SBP

## Definition

Numeric value of the patient's systolic blood pressure

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- DBP
- Pulse
- RespRate
- O2Sat
- PainScale
- CO2
- Common Null Values

# DIASTOLIC BLOOD PRESSURE

---

## Tag Name

- DBP

## Definition

Numeric value of the patient's diastolic blood pressure

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- Pulse
- RespRate
- O2Sat
- PainScale
- CO2
- Common Null Values

# PULSE

---

## Tag Name

- Pulse

## Definition

Numeric value of the patient's palpated pulse rate

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- DBP
- RespRate
- O2Sat
- PainScale
- CO2
- Common Null Values

# RESPIRATORY RATE

---

## Tag Name

- RespRate

## Definition

Numeric value of the patient's unassisted respiratory rate

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- DBP
- O2Sat
- PainScale
- CO2
- Common Null Values

# O2 SAT

---

## Tag Name

- O2Sat

## Definition

Numeric value of the patient's oxygen saturation

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit percentage from 0 to 100

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- DBP
- RespRate
- PainScale
- CO2
- Common Null Values

# PAIN

---

## Tag Name

- PainScale

## Definition

Numeric value indicating the patient's subjective pain level

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

<b>0</b> No Pain	<b>6</b> Moderate Pain
<b>1</b> Some Discomfort	<b>7</b> Moderate Pain
<b>2</b> Some Discomfort	<b>8</b> Severe Pain
<b>3</b> Having Discomfort	<b>9</b> Severe Pain
<b>4</b> Having Discomfort	<b>10</b> Most Severe Pain
<b>5</b> Mild Pain	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- DBP
- RespRate
- O2Sat
- CO2
- Common Null Values

# CO2

---

## Tag Name

- CO2

## Definition

The subsequent numeric CO2 measurement from the capnometer, if applicable

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- SBP
- DBP
- RespRate
- PainScale
- O2Sat
- Common Null Values



## **MEDICATION/ DEFIBRILLATION**

# MEDS/DEFIB TIME

---

## Tag Name

- Time

## Definition

Time of day when medication or treatment was administered and/or when a subsequent 3-lead rhythm was read from the cardiac monitor

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Rhythm
- MedsDefib
- Dose
- Route
- Results
- Common Null Values

## TM #

---

### Tag Name

- TMNumber

### Definition

The number of the team member who administered medication or treatment to the patient or who read the subsequent 3-lead rhythm from the cardiac monitor

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- Free text

### Data Source Hierarchy

- EMS provider

### Other Associated Elements

- Time
- Rhythm
- MedsDefib
- Dose
- Route
- Results
- Common Null Values

# RHYTHM

---

## Tag Name

- Rhythm

## Definition

Two- or three-letter code indicating the patient's subsequent rhythm(s) on the cardiac monitor

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	3

## Field Values

<b>1HB</b> First degree Heart Block	<b>AFI</b> Atrial Fibrillation
<b>3HB</b> Third degree Heart Block	<b>AGO</b> Agonal Rhythm
<b>AFL</b> Atrial Flutter	<b>AVR</b> Accelerated Ventricular Rhythm
<b>ASY</b> Asystole	<b>JR</b> Junctional Rhythm
<b>IV</b> Idioventricular Rhythm	<b>PAC</b> Premature Atrial Contraction
<b>PAT</b> Paroxysmal Atrial Tachycardia	<b>PEA</b> Pulseless Electrical Activity
<b>PM</b> Pacemaker Rhythm	<b>PST</b> Paroxysmal Supraventricular Tachycardia
<b>PVC</b> Premature Ventricular Contraction	<b>SA</b> Sinus Arrhythmia
<b>SB</b> Sinus Bradycardia	<b>SR</b> Sinus Rhythm
<b>ST</b> Sinus Tachycardia	<b>SVT</b> Supraventricular Tachycardia
<b>VF</b> Ventricular Fibrillation	<b>VT</b> Ventricular Tachycardia
<b>2HB</b> Second degree Heart Block	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- MedsDefib
- Dose
- Route
- Results
- Common Null Values

# MEDS/DEFIB

## Tag Name

- MedsDefib

## Definition

The medication, defibrillation and/or cardioversion administered to the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	8

## Field Values

<b>NS</b> Normal Saline	<b>AED</b> AED
<b>CAR</b> Cardioversion	<b>DEF</b> Defibrillation
<b>ADE</b> Adenosine	<b>ALB</b> Nebulized Albuterol
<b>AMI</b> Amiodarone	<b>ASA</b> Aspirin
<b>ATR</b> Atropine	<b>BEN</b> Benadryl
<b>BIC</b> Sodium Bicarbonate	<b>CAL</b> Calcium Chloride
<b>COL</b> Glucola	<b>D10</b> 10% Dextrose
<b>D25</b> 25% Dextrose	<b>D50</b> 50% Dextrose
<b>DOP</b> Dopamine	<b>EPI</b> Epinephrine
<b>FEN</b> Fentanyl	<b>GLP</b> Oral Glucose Paste
<b>GLU</b> Glucagon	<b>IVU</b> I.V. Unobtainable
<b>MID</b> Midazolam	<b>MORPHINE</b> Morphine Sulfate
<b>NAR</b> Narcan	<b>NTG</b> Nitroglycerin Spray
<b>OND</b> Ondansetron	<b>SL</b> Saline Lock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- Rhythm
- Dose
- Route
- Results
- Common Null Values

# DOSE

---

## Tag Name

- Dose

## Definition

The medication dosage administered or the joules delivered during defibrillation/cardioversion

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	10

## Field Values

- Free text

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- Rhythm
- MedsDefib
- Route
- Results
- Common Null Values

# ROUTE

---

## Tag Name

- Route

## Definition

Two-letter code indicating the route of medication administration

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>IM</b> Intramuscular	<b>IN</b> Inhaled/Inhalation/Intranasal
<b>IO</b> Intraosseous	<b>IV</b> Intravenous
<b>PB</b> Piggy Back	<b>PO</b> By Mouth/ODT
<b>SL</b> Sublingual	<b>SQ</b> Subcutaneous

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- Rhythm
- MedsDefib
- Dose
- Results
- Common Null Values

# RESULT

---

## Tag Name

- Results

## Definition

The effect the medication or treatment had on the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- - Deteriorated
- + Improved
- **N** No Change

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Time
- TMNumber
- Rhythm
- MedsDefib
- Dose
- Route
- Common Null Values



# **CARDIAC ARREST**

# ARREST DETAILS/REASON FOR WITHHOLDING RESUSCITATION

---

## Tag Name

- ArrestDetailsReasonForWithholding

## Definition

The details of the cardiac arrest to include the following: the person(s) who witnessed the cardiac arrest; who performed cardiopulmonary resuscitation; EMT performed defibrillation; resuscitation efforts and advanced airway attempts are initiated; indicates if pulses are present when EMS is performing cardiopulmonary resuscitation; and reason(s) for withholding cardiopulmonary resuscitation.

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>WC</b> Witnessed Citizen	<b>WE</b> Witnessed EMS	<b>WN</b> Not Witnessed
<b>CC</b> Citizen CPR	<b>CE</b> CPR by EMS	<b>CA</b> AED Applied by Citizen
<b>AA</b> AED Analyzed	<b>AD</b> AED Defibrillation	<b>AR</b> ALS Resuscitation
<b>PU</b> Pulses With CPR by EMS	<b>DN</b> DNR/AHCD/POLST	<b>AS</b> Asystole
<b>FA</b> Family Request	<b>RI</b> Rigor	<b>LI</b> Lividity
<b>BT</b> Blunt Trauma	<b>TR</b> Termination of Resuscitation (T.O.R)	<b>OT</b> Other Reason

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ArresttoCPR
- EMSCPRTime
- Time814
- Common Null Values

# ARREST TO CPR

---

## Tag Name

- ArresttoCPR

## Definition

The number of minutes from the time of cardiopulmonary arrest to the time citizen or EMS CPR is initiated

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Additional Information

- Collected as minutes

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ArrestDetailsReasonForWithholding
- EMSCPRTIME
- Time814
- Common Null Values

# EMS CPR TIME

---

## Tag Name

- EMSCPRTIME

## Definition

Time of day cardiopulmonary resuscitation was begun by EMS personnel

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ArrestDetailsReasonForWithholding
- ArresttoCPR
- Time814
- Common Null Values

# TIME OF 814 DEATH

---

## Tag Name

- Time814

## Definition

Time of day EMS personnel determines patient meets Reference 814 death criteria

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ArrestDetailsReasonForWithholding
- ArresttoCPR
- EMSCPRTIME
- Common Null Values

## **TRANSFER OF CARE**

## IV FLUIDS RECEIVED

---

### Tag Name

- TotallVfluidsReceived

### Definition

The total amount of intravenous fluids the patient received prior to arrival at the receiving facility

### Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	4

### Field Values

- Up to four-digit numeric value

### Data Source Hierarchy

- EMS provider

### Other Associated Elements

- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# CARE TRANSFERRED TO

---

## Tag Name

- CareTransferType

## Definition

The level of care the patient was transferred to

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>A</b> ALS	<b>H</b> Helicopter
<b>B</b> BLS	<b>F</b> Facility

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values



# TRANSFER VS

---

## Tag Name

- PatientTransferVitalsTime

## Definition

Time of day vital signs were obtained for transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

## TM #

---

### Tag Name

- TMNumber

### Definition

The number of the team member who care of the patient

### Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

### Field Values

- Free text

### Data Source Hierarchy

- EMS provider

### Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# SBP

---

## Tag Name

- SBP

## Definition

Numeric value of the patient's systolic blood pressure at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# DBP

---

## Tag Name

- DBP

## Definition

Numeric value of the patient's diastolic blood pressure at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# PULSE

---

## Tag Name

- Pulse

## Definition

Numeric value of the patient's pulse rate at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# RR

---

## Tag Name

- RespRate

## Definition

Numeric value of the patient's unassisted respiratory rate at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# O2 SAT

---

## Tag Name

- O2Sat

## Definition

Numeric value of the patient's oxygen saturation at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit percentage from 0 to 100

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# CO2

---

## Tag Name

- CO2

## Definition

Numeric CO2 measurement from the capnometer at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3
<b>EOA Element?</b>	No		

## Field Values

- Up to three-digit value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values



# RHYTHM

---

## Tag Name

- Rhythm

## Definition

Two- or three-letter code indicating the patient's subsequent rhythm(s) on the cardiac monitor

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	3
<b>EOA Element?</b>	No	<b>EOA Element?</b>	No

## Field Values

<b>1HB</b> First degree Heart Block	<b>AFI</b> Atrial Fibrillation
<b>3HB</b> Third degree Heart Block	<b>AGO</b> Agonal Rhythm
<b>AFL</b> Atrial Flutter	<b>AVR</b> Accelerated Ventricular Rhythm
<b>ASY</b> Asystole	<b>JR</b> Junctional Rhythm
<b>IV</b> Idioventricular Rhythm	<b>PAC</b> Premature Atrial Contraction
<b>PAT</b> Paroxysmal Atrial Tachycardia	<b>PEA</b> Pulseless Electrical Activity
<b>PM</b> Pacemaker Rhythm	<b>PST</b> Paroxysmal Supraventricular Tachycardia
<b>PVC</b> Premature Ventricular Contraction	<b>SA</b> Sinus Arrhythmia
<b>SB</b> Sinus Bradycardia	<b>SR</b> Sinus Rhythm
<b>ST</b> Sinus Tachycardia	<b>SVT</b> Supraventricular Tachycardia
<b>VF</b> Ventricular Fibrillation	<b>VT</b> Ventricular Tachycardia
<b>2HB</b> Second degree Heart Block	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- CPAPPressure
- GCSEye
- GCSVerbal

- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# CPAP PRESSURE

---

## Tag Name

- CPAPPressure

## Definition

The CPAP pressure setting at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:decimal	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	5
<b>EOA Element?</b>	No		

## Field Values

- Up to two-digit numeric value with two decimal places (format example 99.99)

## Additional Information

- Recorded as centimeters of water (cm H<sub>2</sub>O)

## Data Source Hierarchy

- EMS Provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# GCS E

---

## Tag Name

- GCSEye

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's eye opening response to stimuli at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>4</b> Spontaneous	<b>2</b> To Pain
<b>3</b> To Verbal	<b>1</b> None

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# GCS V

---

## Tag Name

- GCSVerbal

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's verbal response to stimuli at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>5</b> Oriented x 3	<b>2</b> Incomprehensible
<b>4</b> Confused	<b>1</b> None
<b>3</b> Inappropriate	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

# GCS M

---

## Tag Name

- GCSMotor

## Definition

The Glasgow Coma Scale numerical value that corresponds to the patient's motor response to stimuli

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>6</b> Obedient	<b>3</b> Flexion
<b>5</b> Purposeful	<b>2</b> Extension
<b>4</b> Withdrawal	<b>1</b> None

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- TotalGCSUponTransfer
- Common Null Values

# GCS TOTAL

---

## Tag Name

- TotalGCSUponTransfer

## Definition

Sum of the three numerical values documented for each element of the patient's Glasgow Coma Scale score at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- One- or two-digit numeric value between 3 and 15

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- CPAPPressure
- GCSEye
- GCSVerbal
- GCSMotor
- Common Null Values

# **ADVANCED LIFE SUPPORT CONTINUATION FORM**



# REASON FOR ADVANCED AIRWAY

---

## Tag Name

- AdvancedAirwayReason

## Definition

The reason(s) that the patient needs an advanced airway

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>RA</b> Respiratory Arrest	<b>CA</b> Cardiopulmonary Arrest
<b>HY</b> Hypoventilation	<b>PR</b> Profoundly Altered
<b>OT</b> Other	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

## **ENDOTRACHEAL TUBE/KING AIRWAY**

# ENDOTRACHEAL TUBE PARAMEDIC NUMBER

---

## Tag Name

- TMNumber

## Definition

The number of the team member who attempted endotracheal tube placement on the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Free text

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

# ENDOTRACHEAL TUBE SUCCESS

---

## Tag Name

- Success

## Definition

Checkbox indicating whether endotracheal tube placement was successful

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Common Null Values

# KING AIRWAY PARAMEDIC NUMBER

---

## Tag Name

- TMNumber

## Definition

The number of the team member who attempted King airway insertion on the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- Free text

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

# KING AIRWAY SUCCESS

---

## Tag Name

- Success

## Definition

Checkbox indicating whether King airway insertion was successful

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Common Null Values

# ETT/KING AIRWAY INSERTION START TIME

---

## Tag Name

- TimeETorKingStarted

## Definition

Time of day endotracheal tube/King airway insertion was started

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingSuccess
- ETTubeSize
- DifficultAirwayTechniques
- TubePlacementMarkAtTeeth
- ComplicationsDuringTubePlacement
- Common Null Values

# ETT/KING AIRWAY INSERTION SUCCESS TIME

---

## Tag Name

- TimeETorKingSuccess

## Definition

Time of day endotracheal tube/King airway insertion was successfully completed

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingStarted
- ETTubeSize
- DifficultAirwayTechniques
- TubePlacementMarkAtTeeth
- ComplicationsDuringTubePlacement
- Common Null Values



# ENDOTRACHEAL/KING TUBE SIZE

---

## Tag Name

- ETTubeSize

## Definition

The size of the endotracheal tube or King airway inserted

## Technical Information

<b>XSD Data Type</b>	xs:decimal	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingStarted
- TimeETorKingSuccess
- DifficultAirwayTechniques
- TubePlacementMarkAtTeeth
- ComplicationsDuringTubePlacement
- Common Null Values

# DIFFICULT AIRWAY TECHNIQUES

---

## Tag Name

- DifficultAirwayTechniques

## Definition

Checkbox indicating techniques utilized to assist with endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>FG</b> Flex Guide	<b>CP</b> Cricoid Pressure
<b>EL</b> External Laryngeal Manipulation	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingStarted
- TimeETorKingSuccess
- ETTubeSize
- TubePlacementMarkAtTeeth
- ComplicationsDuringTubePlacement
- Common Null Values

# TUBE PLACEMENT MARK AT TEETH

---

## Tag Name

- TubePlacementMarkAtTeeth

## Definition

The centimeter mark at the teeth as a result of endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

- Two-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingStarted
- TimeETorKingSuccess
- ETTubeSize
- DifficultAirwayTechniques
- ComplicationsDuringTubePlacement
- Common Null Values

# COMPLICATION(S) DURING TUBE PLACEMENT

---

## Tag Name

- ComplicationsDuringTubePlacement

## Definition

Checkbox indicating complications that occurred during endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>NO</b> None	<b>ES</b> Emesis/Secretions/Blood
<b>CL</b> Clenching	<b>AN</b> Anatomy
<b>GR</b> Gag Reflex	<b>GD</b> Gastric Distention
<b>OT</b> Other	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- TMNumber
- Success
- TimeETorKingStarted
- TimeETorKingSuccess
- ETTubeSize
- DifficultAirwayTechniques
- TubePlacementMarkAtTeeth
- Common Null Values

**INITIAL ADVANCED AIRWAY PLACEMENT  
CONFIRMATION**

# INIT. ADV. AIRWAY CONFIRMATION TECHNIQUE

---

## Tag Name

- InitialPlacementConfirmation

## Definition

Checkbox indicating the method utilized to confirm correct endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

<b>BB</b> Bilateral Breath Sounds	<b>BC</b> Bilateral Chest Rise
<b>AG</b> Absent Gastric Sounds	<b>NR</b> No Resistance from Esophageal Intubation Device

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- CapnographyMeasurement
- ETCO2DetectorColormetric
- WaveCapnography
- Common Null Values

# CAPNOGRAPHY MEASUREMENT

---

## Tag Name

- CapnographyMeasurement

## Definition

The numeric CO<sub>2</sub> measurement from the capnometer after endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	2

## Field Values

- Up to two-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- InitialPlacementConfirmation
- ETCO2DetectorColormetric
- WaveCapnography
- Common Null Values

# EtCO<sub>2</sub> DETECTOR COLORIMETRIC

---

## Tag Name

- ETCO2DetectorColormetric

## Definition

Checkbox indicating the color observed when the carbon dioxide colorimetric device is used after endotracheal tube or King airway insertion

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>Y</b> Yellow	<b>T</b> Tan
<b>P</b> Purple	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- InitialPlacementConfirmation
- CapnographyMeasurement
- WaveCapnography
- Common Null Values



# WAVEFORM CAPNOGRAPHY

---

## Tag Name

- WaveCapnography

## Definition

Indicates whether or not a waveform is observed on the capnography tracing

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- InitialPlacementConfirmation
- CapnographyMeasurement
- ETCO2DetectorColormetric
- Common Null Values

**ONGOING ADVANCED AIRWAY PLACEMENT  
CONFIRMATION**

# ONGOING VERIFICATION TIME

---

## Tag Name

- VerificationTime

## Definition

Time of day endotracheal tube or King airway placement is verified

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationValue
- Time
- TransferofCareCO2
- O2Sat
- SpontaneousRespirations
- Common Null Values

# ONGOING VERIFICATION VALUE

---

## Tag Name

- VerificationValue

## Definition

Checkbox indicating the result of the ongoing verification endotracheal tube or King airway placement assessment

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

- **CC** Continued Correct Placement
- **SD** Suspected Dislodgement

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTime
- Time
- TransferofCareCO2
- O2Sat
- SpontaneousRespirations
- Common Null Values

# TIME CARE TRANSFERRED

---

## Tag Name

- Time

## Definition

Time of day care was transferred to another provider or hospital personnel

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTime
- VerificationValue
- TransferofCareCO2
- O2Sat
- SpontaneousRespirations
- Common Null Values

# CO2

---

## Tag Name

- TransferofCareCO2

## Definition

The numeric CO<sub>2</sub> measurement from the capnometer at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	2

## Field Values

- Two-digit numeric value

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTime
- VerificationValue
- Time
- O2Sat
- SpontaneousRespirations
- Common Null Values

# O2 SAT

---

## Tag Name

- TransferofCareO2Sat

## Definition

Numeric value of the patient's oxygen saturation at transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:integer	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	3

## Field Values

- Up to three-digit percentage from 0 to 100

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTime
- VerificationValue
- Time
- TransferofCareCO2
- SpontaneousRespirations
- Common Null Values

# SPONTANEOUS RESPIRATIONS

---

## Tag Name

- SpontaneousRespirations

## Definition

Checkbox indicating whether or not the patient had spontaneous respirations upon transfer of care

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTime
- VerificationValue
- Time
- TransferofCareCO2
- O2Sat
- Common Null Values



**REASON ALS AIRWAY UNABLE**

# REASON(S) ALS AIRWAY UNABLE

---

## Tag Name

- ALSAirwayUnable

## Definition

Checkbox indicating the reason(s) an advanced ALS airway was unable to be inserted

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>G</b> Positive Gag Reflex	<b>A</b> Anatomy
<b>B</b> Blood/Secretions	<b>C</b> Unable to Visualize Cords
<b>E</b> Unable to Visualize Epiglottis	<b>F</b> Equipment Failure
<b>L</b> Logistical/Environmental Issues	<b>D</b> Describe Issues

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

## **CARDIAC ARREST/ RESUSCITATION**

# RESTORATION OF PULSE TIME

---

## Tag Name

- RestorationofPulseTime

## Definition

Time of day when return of spontaneous circulation (ROSC) occurred

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

# PRONOUNCED TIME

---

## Tag Name

- ResuscitationDiscontinuedTime

## Definition

Time of day when resuscitative measures were terminated or patient was pronounced dead by the base hospital

## Technical Information

<b>XSD Data Type</b>	xs:time	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values

## Field Values

- Collected as HH:MM:SS
- Use 24-hour clock

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- PatientPronouncedBy
- Common Null Values

# PRONOUNCED BY

---

## Tag Name

- PatientPronouncedBy

## Definition

The name of the base hospital physician that pronounced the patient dead

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	25

## Field Values

- Free text

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ResuscitationDiscontinuedTime
- Common Null Values

# PRONOUNCED RHYTHM

---

## Tag Name

- PronouncedRhythm

## Definition

Two- or three-letter code identifying the cardiac rhythm reported when resuscitative measures were terminated or patient was pronounced dead by the base hospital

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	2	<b>Maximum Constraint</b>	3

## Field Values

AGO Agonal Rhythm	PEA Pulseless Electrical Activity
ASY Asystole	VF Ventricular Fibrillation
IV Idioventricular Rhythm	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- ResuscitationDiscontinuedTime
- PatientPronouncedBy
- Common Null Values

## **VERIFICATION OF ADVANCED AIRWAY PLACEMENT**



# VERIFICATION TECHNIQUE(S)

---

## Tag Name

- VerificationTechnique

## Definition

Checkbox indicating the technique(s) utilized by the receiving facility physician to confirm endotracheal tube or King airway placement

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>V</b> Visualization	<b>A</b> Auscultation
<b>E</b> EtCO <sub>2</sub>	<b>X</b> X-Ray

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Placement
- Common Null Values

# PATIENT DISPOSITION

---

## Tag Name

- PatientDispo

## Definition

Checkbox indicating the emergency department disposition of the patient

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **E** Expired in the Emergency Department
- **A** Admitted or Transferred to another facility

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- Common Null Values

# PLACEMENT

---

## Tag Name

- Placement

## Definition

The receiving facility physician's determination of the anatomical position of the endotracheal tube or King airway inserted by EMS personnel

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

<b>T</b> Tracheal	<b>E</b> Esophageal
<b>R</b> Right Main	

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTechnique
- Common Null Values

# SIGNED VERIFICATION

---

## Tag Name

- SignedVerification

## Definition

Checkbox indicating whether or not a signed verification of endotracheal tube or King airway placement was obtained by EMS personnel

## Technical Information

<b>XSD Data Type</b>	xs:string	<b>Required in XSD</b>	Yes
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null</b>	Yes, common null values
<b>Minimum Constraint</b>	1	<b>Maximum Constraint</b>	1

## Field Values

- **Y** Yes
- **N** No

## Data Source Hierarchy

- EMS provider

## Other Associated Elements

- VerificationTechnique
- Placement
- Common Null Values