

LA-EMS Data Dictionary

Los Angeles County
Emergency Medical Services Agency
Version 5

*REVISED:
July 2015*



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.

- 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:

AA	Arleta	BV	Beverly Glen	EZ	East Rancho Dominguez
AC	Acton	BW	Brentwood	FA	Fairmont
AE	Arlington Heights	BX	Box Canyon	FO	Fair Oaks Ranch
AG	Agua Dulce	BY	Boyle Heights	GF	Griffith Park
AN	Athens	BZ	Byzantine-Latino Quarter	GK	Glenoaks
AO	Avocado Heights	CI	Chinatown	GP	Glassell Park
AW	Atwater Village	CN	Canyon Country	HE	Harvard Heights
BA	Bel Air Estates	CS	Castaic	HK	Holly Park
BC	Bell Canyon	CY	Cypress Park	HR	Harbor City
BK	Bixby Knolls	DS	Del Sur	HY	Hyde Park
BN	Baldwin Hills	DZ	Dominguez	JH	Juniper Hills
BO	Bouquet Canyon	EO	El Sereno	JP	Jefferson Park
BS	Belmont Shore	EP	Echo Park	KO	Koreatown
BT	Bassett	EV	Elysian Valley	LF	Los Feliz
LG	Lake Hughes	OP	Ocean Park	SQ	Sleepy Valley
LQ	LAX	PE	Pacific Palisades	SZ	Studio City
LS	Los Nietos	PH	Pacific Highlands	TD	Tropico
LW	Lake View Terrace	PI	Phillips Ranch	TE	Topanga State Park
ME	Monte Nido	PL	Playa Vista	TI	Terminal Island
MG	Montecito Heights	PN	Panorama City	TL	Toluca Lake
MH	Mission Hills	PS	Palms	TT	Toluca Terrace
MI	Mint Canyon	PT	Porter Ranch	UP	University Park
MM	Miracle Mile	RC	Roosevelt Corner	VG	Valley Glen
MR	Mar Vista	RD	Rancho Dominguez	VI	Valley Village
MS	Mount Wilson	RK	Rancho Park	VY	Valyermo

MU	Mount Olympus	RV	Rampart Village	WG	Wilsona Gardens
MY	Metler Valley	RW	Rosewood	WK	Winnetka
NA	Naples	SB	Sandberg	WO	Westlake
NN	Neenach	SJ	Silver Lake	WR	Westchester
NT	North Hills	SL	Sun Valley	WS	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:

ACH	Alhambra Hospital Medical Center	KFP	Kaiser Permanente Panorama City Medical Center
ANH	Anaheim Memorial Medical Center	KFW	Kaiser Permanente West LA Medical Center
AVH	Antelope Valley Hospital	LCM	Providence Little Company of Mary Torrance

CSM	Cedars-Sinai Medical Center	LRR	Los Robles Hospital and Medical Center (Ventura Co.)
DCH	PIH Health Hospital- Downey	NOR	Norwalk Community Hospital
HEV	Glendora Community Hospital	PLH	Placentia Linda Hospital (Orange County)
HGH	LAC Harbor-UCLA Medical Center	RCC	Ridgecrest Regional Hospital (Kern Co.)
KHA	Kaiser Foundation Hospital- Anaheim	QOA	Hollywood Presbyterian Medical Center
KFB	Kaiser Permanente Downey Medical Center	SJH	Providence Saint John's Health Center
KFF	Kaiser Foundation Hospital- Fontana	SMH	UCLA Medical Center, Santa Monica
KFH	Kaiser Permanente South Bay Medical Center	SOC	Sherman Oaks Hospital
KFI	Kaiser Permanente Irvine Medical Center	SPP	Providence Little Company of Mary San Pedro
KFL	Kaiser Permanente Los Angeles Medical Center	WMH	White Memorial Medical Center
KFO	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:

AA	Arleta	AE	Arlington Heights	AN	Athens
AC	Acton	AG	Agua Dulce	AO	Avocado Heights
AW	Atwater Village	HE	Harvard Heights	PL	Playa Vista
BA	Bel Air Estates	HK	Holly Park	PN	Panorama City
BC	Bell Canyon	HR	Harbor City	PS	Palms
BK	Bixby Knolls	HY	Hyde Park	PT	Porter Ranch
BN	Baldwin Hills	JH	Juniper Hills	RC	Roosevelt Corner
BO	Bouquet Canyon	JP	Jefferson Park	RD	Rancho Dominguez
BS	Belmont Shore	KO	Koreatown	RK	Rancho Park
BT	Bassett	LF	Los Feliz	RV	Rampart Village
BV	Beverly Glen	LG	Lake Hughes	RW	Rosewood
BW	Brentwood	LQ	LAX	SB	Sandberg
BX	Box Canyon	LS	Los Nietos	SJ	Silver Lake
BY	Boyle Heights	LW	Lake View Terrace	SL	Sun Valley
BZ	Byzantine-Latino	ME	Monte Nido	SQ	Sleepy Valley

	Quarter				
CI	Chinatown	MG	Montecito Heights	SZ	Studio City
CN	Canyon Country	MH	Mission Hills	TD	Tropico
CS	Castaic	MI	Mint Canyon	TE	Topanga State Park
CY	Cypress Park	MM	Miracle Mile	TI	Terminal Island
DS	Del Sur	MR	Mar Vista	TL	Toluca Lake
DZ	Dominguez	MS	Mount Wilson	TT	Toluca Terrace
EO	El Sereno	MU	Mount Olympus	UP	University Park
EP	Echo Park	MY	Metler Valley	VG	Valley Glen
EV	Elysian Valley	NA	Naples	VI	Valley Village
EZ	East Rancho Dominguez	NN	Neenach	VY	Valyermo
FA	Fairmont	NT	North Hills	WG	Wilsona Gardens
FO	Fair Oaks Ranch	OP	Ocean Park	WK	Winnetka
GF	Griffith Park	PE	Pacific Palisades	WO	Westlake
GK	Glenoaks	PH	Pacific Highlands	WR	Westchester
GP	Glassell Park	PI	Phillips Ranch	WS	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

07/01/2013

Incident must be within five (5) years of date record validated

Run Type changed to Accept Null- No

Incident Apartment Number: Increased constraint to 20

Date of Dispatch: Revised to Multiple Entry Configuration

Date of Arrival: Revised to Multiple Entry Configuration

Date at Patient: Revised to Multiple Entry Configuration

Date Left Scene: Revised to Multiple Entry Configuration

Date At Facility: Revised to Multiple Entry Configuration

Date Available: Revised to Multiple Entry Configuration

Team Member ID: Changed to Accept Null- No.

Revised definition for EMT ID numbers. Should be 'E' followed by
CA State certification number. Last name is no longer acceptable

Complaints:

Delete: MI (Myocardial Infarction)
PD (Penetrating Diffuse Tenderness)
PR (Penetrating single bone Fracture)
BM (Between Mid-Clavicular Lines)

OT (Other) is NEVER the first complaint if there is a defined complaint

Mechanism of Injury:

Add: 12 Intrusion greater than 12 inches into an occupied passenger space
18 Intrusion greater than 18 inches into a non-occupied passenger
space
AC Anticoagulant (Injured patient on anticoagulation therapy other
than aspirin or with bleeding disorder)
Delete: VV Versus vehicle
WB With Blunt Instrument

TR Trunk

Therapy- Added:

ED CPR by External Automated device

O₂ Flow: Revised to Multiple Entry Configuration

O₂ Via: Revised to Multiple Entry Configuration

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

Delete: LAD Los Angeles Metropolitan Medical Center

BEL Bellflower Medical Center

Added: CHP Community Hospital of Huntington Park

Reason: Revised long text of R to Request

Date of Birth: Year must be after 1890

Respiration:

Add: J JVD (Jugular Venous Distension)

M AMU (Accessory Muscle Usage)

L Labored

Change Tag Name for EKG1 and EKG2 to ECG1 and ECG respectively

Meds/Defib: Added D10

Cardiac Arrest: Added new data element: Time 814 Death Determined

07/01/2012

Revised Data Submission Details to cover Multi-Valued Fields

Revised all date fields to collect as standard XML format (YYY-MM-DD)

Providers added:

AE Aegis

MR MedReach Ambulance

RR Rescue Services International

SY Symons Ambulance (Special Event Only)

UF Upland Fire

EMS Unit Number

Delete: T for Truck

A for Ambulance

Change:

S to SQ for Squad

R to RA for Rescue

H to HE for Helicopter

Add: BK for Bike

BT for Boat

CT for Cart

PT for Paramedic Truck

Incident City Code Changed to Not Accept Null

Complaint:

Add: 90 SBP<90, <70 (<1y/o)

RR <10/>29

PX Penetrating Extremity (Above Knee/Elbow)

SX Suspected Pelvic Fracture

Change Long Text:

BR Blunt Fracture- 2 or More Long Bones

PE Penetrating Extremity (Below Knee/Elbow)

Mechanism Of Injury:

Add: 20 Impact More Than 20 MPH (Unenclosed)

RT Thrown/Runover/Thrown or Impact > 20 MPH

MH Medical History

TD Telemetry Data

Change Long Text:

PB Ped/Bike vs Veh < 20 MPH
 15 Fall > 15ft. Adult/>10ft. Child
 Glasgow Coma Scale- Time: Revised to Multiple Entry Configuration
 Therapies added: IP Ice Pack
 Blood Glucose Result changed data type to string. With values of HI=High and LO=Low
 CPAP Pressure revised to recorded as cm H₂O
 Base Notified Field Added
 Receiving Facility – Transport and Most Accessible Receiving (MAR) Facility added:
 SIM Simi Valley Hospital (Ventura County)
 Via: If A/B or H then Receiving Facility- Transport Required
 Revised Arrest Details/Reason For Withholding Resuscitation for Multiple Entry
 Removed all references to Combitube/ETC:
 Change Tag Name To:
 TimeETorKingStarted
 TimeETorKingSuccess
 Delete ETC Ventilating Tube
 Spontaneous Respirations: Revised to Not Allow Multiple Entry

09/07/2011	Added Data Submission Details	(Page 8)
	Added Mandatory Data Elements for Specific Run Type	(Page 15)
	Clarified Sequence Number Format Requirements	(Page 51)
	Mandated the following Data Elements for 'R' Run Type:	
	Team Member ID	(Page 46)
	Chief Complaint Code	(Page 60)
	Patient last Name	(Page 109)
08/10/2011	Revised Common Null Values	(Page 8)
	Revised Accepts Null Value Yes for the Following Values:	
	Date of Arrival	(Page 34)
	Date At Patient	(Page 36)
	Date Left Scene	(Page 38)
	Date At Facility	(Page 40)
	Date Available	(Page 42)
	Transported By definition Revised	(Page 44)
	Added value in Respiration: G= Snoring	(Page 128)
	Changed Tag Name for Vital Sign Transfer Time	(Page 159)
Revised Definition for Capnography Measurement On Transfer	(Page 195)	

TABLE OF CONTENTS

INSTRUCTIONS	17
DATA SUBMISSION DETAILS	18
VALIDATOR LOGIC RULES	19
COMMON NULL VALUES	20
INCIDENT INFORMATION	21
SEQUENCE NUMBER	22
ORIG. SEQ. #	23
DATE	24
INC #	25
JUR STA	26
PD & UNIT #	27
RUN TYPE	28
PG 2	29
STREET NUMBER	30
STREET	31
APT #	32
CITY	33
INCIDENT ZIP CODE	36
SCENE GPS LOCATION	37
PROV	38
A/B/H	40
UNIT	41
DISP DATE	42
DISP	43
ARRIVAL DATE	44
ARRIVAL	45
DATE AT PATIENT	46
TIME AT PATIENT	47
LEFT DATE	48
LEFT	49
AT FAC DATE	50
AT FAC	51
FAC EQUIP DATE	52
FAC EQUIP TIME	53
AVAIL DATE	54
AVAIL	55
TRANSPORTED BY	56
TEAM MEMBER ID	57
PATIENT ASSESSMENT	58
PATIENT NUMBER	59
TOTAL PATIENT NUMBER	60
NUMBER OF PATIENTS TRANSPORTED	61
AGE	62
UNITS OF AGE	63
GENDER	64
WT	65
UNITS OF WEIGHT	66
PEDS COLOR CODE	67
DISTRESS LEVEL	68
COMPLAINT	69
MECHANISM OF INJURY	71
TIME EXTRICATED	72
GCS/MLAPSS	73
GLASGOW COMA SCALE- TIME	74
EYE	75
VERBAL	76
MOTOR	77

GCS TOTAL.....	78
NORMAL FOR PATIENT/AGE	79
MLAPSS?	80
LAST KNOWN WELL DATE	81
LAST KNOWN WELL TIME	82
LAST KNOWN WELL DATE AND TIME UNKNOWN	83
SPECIAL CIRCUMSTANCES	84
DNR/AHCD/POLST?	85
SUSPECTED ETOH?	86
SUSPECTED DRUGS?	87
SUSPECTED ABUSE?	88
POISON CONTROL CONTACTED?	89
≥ 20 WKS IUP?	90
_ WKS	91
BARRIERS TO PATIENT CARE	92
THERAPIES	93
THERAPIES	94
TM #	95
THERAPY DETAILS	96
CO2	97
OXYGEN (L/MIN)	98
OXYGEN VIA	99
BLOOD GLUCOSE RESULT	100
CPAP PRESSURE	101
CPAP TIME	102
IV GAUGE	103
IO GAUGE	104
TRANSCUTANEOUS PACING MA	105
TRANSCUTANEOUS PACING BPM	106
TRANSCUTANEOUS PACING TIME	107
TRANSPORT	108
BASE	109
PROTOCOL	110
MAR	111
REC FAC	114
VIA	117
TRANS TO	118
REASON	119
AMA?	120
CODE 3	121
PATIENT INFORMATION	122
LAST NAME	123
FIRST NAME	124
MI	125
DOB	126
PHONE	127
STREET NUMBER	128
STREET NAME	129
APT #	130
CITY	131
PATIENT STATE	134
PATIENT ZIP CODE	136
PHYSICAL SIGNS	137
PUPILS	138
RESP	139

TIDAL VOLUME.....	140
SKIN.....	141
CAP REFILL.....	142
FIRST 12 LEAD TIME.....	143
FIRST 12 LEAD RESULT.....	144
FIRST 12-LEAD TRANSMITTED?.....	145
SECOND 12 LEAD TIME.....	146
SECOND 12 LEAD RESULT.....	147
SECOND 12-LEAD TRANSMITTED?.....	148
VITAL SIGNS.....	149
VITAL SIGN TIME.....	150
TM #.....	151
SYSTOLIC BLOOD PRESSURE.....	152
DIASTOLIC BLOOD PRESSURE.....	153
PULSE.....	154
RESPIRATORY RATE.....	155
O2 SAT.....	156
PAIN.....	157
CO2.....	158
MEDICATION/ DEFIBRILLATION.....	159
MEDS/DEFIB TIME.....	160
TM #.....	161
RHYTHM.....	162
MEDS/DEFIB.....	163
DOSE.....	164
ROUTE.....	165
RESULT.....	166
CARDIAC ARREST.....	167
ARREST DETAILS/REASON FOR WITHHOLDING RESUSCITATION.....	168
ARREST TO CPR.....	169
EMS CPR TIME.....	170
TIME OF 814 DEATH.....	171
TRANSFER OF CARE.....	172
IV FLUIDS RECEIVED.....	173
CARE TRANSFERRED TO.....	174
TRANSFER VS.....	175
TM #.....	176
SBP.....	177
DBP.....	178
PULSE.....	179
RR.....	180
O2 SAT.....	181
CO2.....	182
RHYTHM.....	183
GCS E.....	184
GCS V.....	185
GCS M.....	186
GCS TOTAL.....	187
ADVANCED LIFE SUPPORT CONTINUATION FORM.....	188
REASON FOR ADVANCED AIRWAY.....	189
ENDOTRACHEAL TUBE/KING AIRWAY.....	190
ENDOTRACHEAL TUBE PARAMEDIC NUMBER.....	191
ENDOTRACHEAL TUBE SUCCESS.....	192
KING AIRWAY PARAMEDIC NUMBER.....	193
KING AIRWAY SUCCESS.....	194

ENDOTRACHEAL TUBE/ KING AIRWAY INSERTION START TIME	195
ENDOTRACHEAL TUBE/KING AIRWAY INSERTION SUCCESS TIME.....	196
ENDOTRACHEAL/KING TUBE SIZE	197
DIFFICULT AIRWAY TECHNIQUES	198
TUBE PLACEMENT MARK AT TEETH	199
COMPLICATION(S) DURING TUBE PLACEMENT	200
INITIAL ADVANCED AIRWAY PLACEMENT CONFIRMATION.....	201
INITIAL ADVANCED AIRWAY PLACEMENT CONFIRMATION TECHNIQUE	202
CAPNOGRAPHY MEASUREMENT	203
ETCO ₂ DETECTOR COLORIMETRIC	204
WAVEFORM CAPNOGRAPHY	205
ONGOING ADVANCED AIRWAY PLACEMENT CONFIRMATION	206
ONGOING VERIFICATION TIME	207
ONGOING VERIFICATION VALUE	208
TIME CARE TRANSFERRED.....	209
CO ₂	210
O ₂ SAT	211
SPONTANEOUS RESPIRATIONS.....	212
REASON ALS AIRWAY UNABLE.....	213
REASON(S) ALS AIRWAY UNABLE	214
CARDIAC ARREST/ RESUSCITATION	215
RESTORATION OF PULSE TIME	216
PRONOUNCED TIME.....	217
PRONOUNCED BY	218
PRONOUNCED RHYTHM.....	219
VERIFICATION OF ADVANCED AIRWAY PLACEMENT	220
VERIFICATION TECHNIQUE(S).....	221
PATIENT DISPOSITION.....	222
PLACEMENT	223
SIGNED VERIFICATION	224

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.

XSD Data Type	Required in XSD
Multiple Entry Configuration	Accepts Null Value
Minimum Constraint	Maximum Constraint

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:

- <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>

Format XML

Version 5.0

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

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 section:

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		

VALIDATOR LOGIC RULES

Version 3.1.34

- 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 only copy of **Complaint** = "OT" when a valid non-null value is present under **MechanismOfInjury**
- 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

XSD Data Type	xs:string	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	No
Minimum Constraint	8	Maximum Constraint	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

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

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

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

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

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

RUN TYPE

Tag Name

- RunType

Definition

The level of service required of the provider

Technical Information

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

Field Values

R REGULAR RUN	N NO PATIENT
D DEAD ON ARRIVAL	B PUBLIC ASSIST
C CX AT SCENE	F FIRELINE
I 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

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

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

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

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

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

Field Values

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

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

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

XSD Data Type	decimal	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

Field Values

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

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

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

Field Values

A Advanced Life Support	B Basic Life Support
H 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

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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

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

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

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

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

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

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

Field Values

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

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

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

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

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

Field Values

3 Grey 3	4 Grey 4	5 Grey 5	O Orange	I Pink	B Blue
R Red	W White	Y Yellow	E Green	U Purple	T 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

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

Field Values

D Mild	M Moderate
S Severe	N 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

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

Field Values

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

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

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

Field Values

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

Field Values

4 Spontaneous	2 To Pain
3 To Verbal	1 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

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

Field Values

5 Oriented x 3	2 Incomprehensible
4 Confused	1 None
3 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

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

Field Values

6 Obedient	3 Flexion
5 Purposeful	2 Extension
4 Withdrawal	1 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

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

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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- LastKnownWellDate
- LastKnownWellTime
- LastKnownWellDateTimeUnk
- 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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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
- 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

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

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

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

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

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

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

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

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

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

Field Values

H Hearing	L Language
P Physical	S Speech
O 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

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

Field Values

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

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

XSD Data Type	xs:string	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	Yes, common null values
Minimum Constraint	1	Maximum Constraint	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 CO₂ measurement from the capnometer

Technical Information

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

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

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

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

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

Field Values

- Up to two-digit numeric value

Additional Information

- Recorded as centimeters of water (cm H₂O)

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

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

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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

Field Values

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

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

Field Values

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

Community Paramedicine Pilot Project Field Values

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

MAR

Tag Name

- MAR

Definition

Three letter code of the most accessible receiving facility that can be reached in the shortest amount of time from the incident location

Technical Information

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

Field Values

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

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

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

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

Additional Information

- A three-letter code for MAR must be documented for all patients, regardless of age

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Common Null Values

REC FAC

Tag Name

- ReceivingFacility

Definition

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

Technical Information

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

Field Values

ACH	Alhambra Hospital Medical Center	ENH	Encino Hospital Medical Center
AHM	Catalina Island Medical Center	FHP	Fountain Valley Hospital (Orange County)
AMH	Methodist Hospital of Southern California	FHR	Friendly Hills Regional Medical Center (Orange County)
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UKP	Kaiser Urgent Care Clinic Pasadena	UVH	Verdugo Hills Medical Associates
UPC	Pasadena Community Urgent Care		

Data Source Hierarchy

- EMS provider

Other Associated Elements

- MAR
- Via
- Common Null Values

VIA

Tag Name

- Via

Definition

Checkbox indicating the type of transport unit used

Technical Information

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

Field Values

A ALS	H Helicopter
B BLS	N 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

- MAR
- ReceivingFacility
- Common Null Values

TRANS TO

Tag Name

- TransportedTo

Definition

Checkbox indicating the actual destination of the patient

Technical Information

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

Field Values

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

Additional Information

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- MAR
- 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

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

- MAR
- 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

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

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

Field Values

- Y Yes
- N No

Data Source Hierarchy

- EMS provider

Other Associated Elements

- MAR
- ReceivingFacility
- Via
- Common Null Values

PATIENT INFORMATION

LAST NAME

Tag Name

- LastName

Definition

The patient's last name

Technical Information

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

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

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

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

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

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

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

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

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

Field Values

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

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

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

Field Values

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

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

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

Field Values

P PERL	I Pinpoint	S Sluggish	F Fixed & Dilated
C Cataracts	U Unequal	N 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

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

Field Values

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

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

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

Field Values

N Normal	W Warm
J Jaundiced	H Hot
C Cyanotic	L Cold
P Pale	D Diaphoretic
F Flushed	

Data Source Hierarchy

- EMS Provider

Other Associated Elements

- Common Null Values

CAP REFILL

Tag Name

- CapillaryRefill

Definition

Capillary refill time

Technical Information

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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead121st
- Lead121stTransmitted
- Common Null Values

FIRST 12 LEAD RESULT

Tag Name

- Lead121st

Definition

Checkbox indicating the interpretation and quality of the 1st 12-lead ECG performed

Technical Information

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

Field Values

NL Normal	AB Abnormal
MI STEMI	AF Artifact
WB Wavy Baseline	PR Paced Rhythm

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead12Time1st
- 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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead121st
- Lead12Time1st
- Common Null Values

SECOND 12 LEAD TIME

Tag Name

- Lead12Time2nd

Definition

Time of day the second 12-lead ECG was performed

Technical Information

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead122nd
- Lead122ndTransmitted
- Common Null Values

SECOND 12 LEAD RESULT

Tag Name

- Lead122nd

Definition

Checkbox indicating the interpretation and quality of the 2nd 12-lead ECG performed

Technical Information

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

Field Values

NL Normal	AB Abnormal
MI STEMI	AF Artifact
WB Wavy Baseline	PR Paced Rhythm

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead12Time2nd
- 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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- Lead122nd
- Lead12Time2nd
- Common Null Values

VITAL SIGNS

VITAL SIGN TIME

Tag Name

- Time

Definition

Time of day the patient's vital signs are obtained

Technical Information

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

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

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

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

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

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

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

Field Values

0 No Pain	6 Moderate Pain
1 Some Discomfort	7 Moderate Pain
2 Some Discomfort	8 Severe Pain
3 Having Discomfort	9 Severe Pain
4 Having Discomfort	10 Most Severe Pain
5 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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	Yes	Accepts Null	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

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

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

Field Values

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

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

Field Values

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

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

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

Field Values

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

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

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

Field Values

WC Witnessed Citizen	WE Witnessed EMS	CA AED Applied by Citizen
CC Citizen CPR	CE CPR by EMS	AR ALS Resuscitation
AA AED Analyzed	AD AED Defibrillation	AS Asystole
PU Pulses With CPR by EMS	DN DNR/AHCD/POLST	LI Lividity
FA Family Request	RI Rigor	OT Other Reason
BT Blunt Trauma	WN Not Witnessed	

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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

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

Field Values

A ALS	H Helicopter
B BLS	F Facility

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- 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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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
- 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

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

Field Values

- Free text

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- 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

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

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

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

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

XSD Data Type	xs:integer	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	Yes, common null values
Minimum Constraint	1	Maximum Constraint	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
- GCSEye
- GCSVerbal
- GCSMotor
- TotalGCSUponTransfer
- Common Null Values

CO2

Tag Name

- CO2

Definition

Numeric CO2 measurement from the capnometer at transfer of care

Technical Information

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

Field Values

- Up to three-digit value

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- 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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- 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

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

Field Values

4 Spontaneous	2 To Pain
3 To Verbal	1 None

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- 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

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

Field Values

5 Oriented x 3	2 Incomprehensible
4 Confused	1 None
3 Inappropriate	

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotallVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- 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

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

Field Values

6 Obedient	3 Flexion
5 Purposeful	2 Extension
4 Withdrawal	1 None

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TotalIVfluidsReceived
- CareTransferType
- PatientTransferVitalsTime
- TMNumber
- SBP
- DBP
- Pulse
- RespRate
- O2Sat
- CO2
- Rhythm
- 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

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

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

Field Values

RA Respiratory Arrest	CA Cardiopulmonary Arrest
HY Hypoventilation	PR Profoundly Altered
OT 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

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

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

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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- TMNumber
- Common Null Values

ENDOTRACHEAL TUBE/ KING AIRWAY INSERTION START TIME

Tag Name

- TimeETorKingStarted

Definition

Time of day endotracheal tube/King airway insertion was started

Technical Information

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

ENDOTRACHEAL TUBE/KING AIRWAY INSERTION SUCCESS TIME

Tag Name

- TimeETorKingSuccess

Definition

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

Technical Information

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

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

Field Values

FG Flex Guide	CP Cricoid Pressure
EL 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

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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

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

**INITIAL ADVANCED AIRWAY PLACEMENT
CONFIRMATION**

INITIAL ADVANCED AIRWAY PLACEMENT CONFIRMATION TECHNIQUE

Tag Name

- InitialPlacementConfirmation

Definition

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

Technical Information

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- CapnographyMeasurement
- ETCO2DetectorColorimetric
- WaveCapnography
- Common Null Values

CAPNOGRAPHY MEASUREMENT

Tag Name

- CapnographyMeasurement

Definition

The numeric CO₂ measurement from the capnometer after endotracheal tube or King airway insertion

Technical Information

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

Field Values

- Up to two-digit numeric value

Data Source Hierarchy

- EMS provider

Other Associated Elements

- InitialPlacementConfirmation
- ETCO2DetectorColormetric
- WaveCapnography
- Common Null Values

EtCO₂ 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

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

Field Values

Y Yellow	T Tan
P 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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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 CO₂ measurement from the capnometer at transfer of care

Technical Information

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

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

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

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

Field Values

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

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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 discontinued due to patient being pronounced dead by the base hospital

Technical Information

XSD Data Type	xs:time	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	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

XSD Data Type	xs:string	Required in XSD	Yes
Multiple Entry Configuration	No	Accepts Null	Yes, common null values
Minimum Constraint	1	Maximum Constraint	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 the patient was pronounced dead

Technical Information

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

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

Field Values

V Visualization	A Auscultation
E EtCO ₂	X 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

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

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

Field Values

T Tracheal	E Esophageal
R 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

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

Field Values

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

Data Source Hierarchy

- EMS provider

Other Associated Elements

- VerificationTechnique
- Placement
- Common Null Values