

NEMSIS Data Dictionary

NHTSA v3.4.0
Build 160713 Critical Patch 2

Med Device Data Standard

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Funded by
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Office of Emergency Medical Services

www.NEMSIS.org

NEMSIS Data Dictionary Version 3.4.0

NEMSIS Overview and Summary

The NEMSIS data dictionary was developed through a collaborative effort with the EMS industry including: web-based reviews, public comment periods, focus groups, industry dialogue, topic focused projects, and consensus. The National EMS Information System Version 3 represents a major revision from version 2 released in 2005. Adopting a broad perspective, the initiative to move to a 3rd version of the NEMSIS data dictionary was fueled by the need to improve data quality, enhance our ability to assess EMS performance, augment the flexibility of the standard for state adoption and, to move the NEMSIS standard into the Health Level 7 (HL7) organization for approval as an American National Standards Institute (ANSI) standard.

NEMSIS Version 3 Element Configuration from v2.2.1

NEMSIS NHTSA Uniform PreHospital Dataset	Version 2.2.1	Version 3.3.4	Version 3.4.0
Demographic (Agency) NEMSIS Version 3 DataElements	110 (26%)	155 (27%)	157
Existing (version 2.2.1)	88 (80%)	87 (56%)	87 (55.5%)
New		68 (44%)	70 (44.5%)
Retired	22 (20%)		
EMS (ePCR) NEMSIS Version 3 Data Elements	315 (74%)	423 (73%)	428
Existing (version 2.2.1)	258 (82%)	260 (61%)	258 (60%)
New		165 (39%)	170 (40%)
Retired	57 (18%)		2
Overall Total NEMSIS Version 3 Data Elements	425	578	585
Existing (version 2.2.1)	346 (81%)	347 (60%)	345 (59%)
New		232 (40%)	240 (41%)
Retired	79 (19%)		2

NEMSIS Version 3 Element Configuration

Total Elements including the Custom Elements: 585

Excluding the Demographic and EMS (ePCR) Custom Elements: 561

	•	•			
Total National Elements	165	Total State Elements	104	Total "Other" Element	316
Mandatory	37	Recommended	83	Excluding the custom elements	292
Required	128	Optional	21	Demographic (Agency) Elements	90
Demographic (Agency) Elements	35	Demographic (Agency) Elements	32	Excluding the custom elements	78
Mandatory	22	Recommended	32	EMS (ePCR) Elements	226
Required	13	Optional	0	Excluding the custom elements	214
EMS (ePCR) Elements	130	EMS (ePCR) Elements	72		
Mandatory	15	Recommended	51		
Required	115	Optional	21		

NEMSIS Version 3.4.0 Data Dictionary Content

**Note: The numbers to the right of the content listed below represent the location for each element on the Sample Page of the Data Dictionary (page vi).

Data Element Number (#1)

The NEMSIS Version 3 element numbering system has been revised to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.

- •The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
- A one word descriptor for each section is now included in the data element number.

A period separates the section (e.g. dAgency) from the data element number (e.g. 01).

Data Element Name (#3)

The name for the data element.

National and State Element Indicator (#2, #5, #6)

National = Yes, is an indication that the data element is required to be collected:

*at the local EMS agency level and submitted to the state

State = Yes, is an indication that the data element is recommended to be collected at the "State" level.

Data Element Definition (#4)

The definition for the data element.

Version 2 Number (#7)

The NEMSIS Version 2.2.1 Data Element Number.

If the Data Element is new to Version 3.4.0, the Version 2 Number will be blank.

Data Structure Information

Recurrence (#12)

•Indication that the data element can have more than one value.

Represented by two characters separated by a colon. The configuration includes:

0:1 = element is not required and can occur only once

0:M = element is not required and can repeat multiple times

1:1 = element is required and can occur only once

1:M = element is required and can repeat multiple times

Usage (#8)

•Indication of when the data element is expected to be collected.

Mandatory = Must be completed and does not allow for NOT values
Required = Must be completed and allows NOT values
Recommended = Does not need to be completed and allows NOT values
Optional = Does not need to be completed and does not allow for NOT
values

NOT Value Characteristics (#10)

- •Indication that the data element can have NOT values.
- NOT Values are used (where permitted) to document that a data element was not applicable to the EMS response / request for service, was not or could not be completed.
- •NOT Values are documented as "an attribute" of an element. It allows the documentation of NOT value when a "real" value is not documented. (Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nill.)

NOT Values Accepted (#14)

- •Indication of which of the following three NOT values is acceptable.
- Not all data elements accept NOT values.
- NOT Values have been condensed in Version 3.

Not Applicable = The data element is not applicable or pertinent to the EMS event.

Not Recorded = The data element is considered applicable to the EMS event, but was left blank. The EMS software should auto-populate it with

"Not Recorded".

Not Reporting = The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".

Pertinent Negative Values (PN) (#9, #14)

- *A list of Pertinent Negative Values which can be associated with a data element.
- Not all data elements accept Pertinent Negative Values.
- Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value. (Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nill.)
- Example of use:

Example #1 - Aspirin Administration:

If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".

Is Nillable (#11)

- •Indication that the element can accept a "blank" value.
- •If the element is left "blank" the software must submit an appropriate value of one of the two attributes: Pertinent Negative or NOT Values.

Associated Performance Measure Initiatives (#13)

Indication that the data element has value in describing, defining, or measuring EMS from a performance perspective. Performance Measures can be associated with EMS service delivery, patient care, or both. The following service delivery or time dependent illness/injury performance measure topics have been included in NEMSIS Version 3:

- Airway Airway Management
- Cardiac Arrest Out of Hospital Cardiac Arrest
- Pediatric Acute Pediatric Care
- Response EMS Response Time
- STEMI ST Elevation Myocardial Infarction (STEMI)
- Stroke Acute Stroke Care
- Trauma Acute Injury/Trauma Care

Attributes (#14)

An attribute provides extra information within an element. For information related to the first three attributes please see the NEMSIS document 'How to Utilize NEMSIS V3 "NOT values/pertinent negatives/nillable". The following are possible attributes:

PN (Pertinent Negative)

8801001 - Contraindication Noted

8801003 - Denied By Order

8801005 - Exam Finding Not Present

8801007 - Medication Allergy

8801009 - Medication Already Taken

8801013 - No Known Drug Allergy

8801015 - None Reported

8801017 - Not Performed by EMS

8801019 - Refused

8801021 - Unresponsive 8801023 - Unable to Complete

•NV (Not Value)

7701001 - Not Applicable 7701003 - Not Recorded 7701005 - Not Reporting

- *Nillable xsi:nil="true"
- Code Type

3001001 = No 3001003 = Yes, Prior to EMS Arrival 3001005 = Yes, After EMS Arrival

CorrelationID

Data Type = String minLength = 0 maxLength = 255

DistanceUnit

9921001 - Kilometers 9921003 - Miles

EmailAddressType

9904001 - Personal 9904003 - Work

9904003 - Work

nemsisCode

Data Type = String

nemsisElement

Data Type = String

•nemsisValueDescription

Data Type = String

PhoneNumberType

9913001 - Fax

9913003 - Home

9913005 - Mobile

9913007 - Pager

9913009 - Work

ProcedureGroupCorrelationID

Date Type = CorrelationID

StreetAddress2

Data Type = String minLength = 1 maxLength = 255

TIMESTAMP

Data Type = DateTime minValue = 1950-01-01T00:00:00-00:00 maxValue = 2050-01-01T00:00:00-00:00

VelocityUnit

9921001 - Kilometers per Hour 9921003 - Miles per Hour

Code List (#16)

A list of values associated with the data element. Not all data elements have predefined value sets.

Codes for each value:

- •The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
 - The first set of two numbers represent the data section

The second set of two numbers represent the element number

The last set is a 3-digit number for each value beginning at 001; The codes increase in increments of two (2).

- Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
- Several values and codes reference external standards such as ICD-10, RxNorm, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

Data Element Editorial Comments (#17)

Comments are provided to describe additions, changes, clarifications, or provide additional insight into the data element.

Version 3 Changes Implemented (#18)

Comments providing insight into specific Version 3 changes such as new or revised data elements.

Element Deprecated(#19)

Elements that are signified as "deprecated" will be removed from a future version of the NEMSIS standard. Their use should now be avoided, but will be supported until they are removed from the standard.

NEMSIS Version 3.4.0 Change Summary

NEMSIS Version 3 includes several new types of information to better describe EMS from an industry, workforce, EMS service delivery, and patient care perspective. Examples of new Version 3 content include:

Demographic (Agency) Content

EMS Agencies can list more than one state in which they offer EMS service delivery.

EMS Agencies can indicate multiple Agency numbers.

Multiple EMS Agency contacts can now be managed within the Demographic Section.

EMS Agency Location and GIS information has been enhanced.

EMS Professional and Workforce information has been enhanced.

EMS (PCR) Content

EMS Crew level information has been enhanced

Scene location information has been enhanced to improve geo-coding and location analysis.

Provider Impression (diagnosis), Symptoms, Cause of Injury, Medical/Surgical History, and Incident Location are now based on ICD-10.

Procedures are now based on SNOMED.

Medications are now stored using the RxNorm standard

Cardiac Arrest information has been enhanced to add focus on CPR and post arrest cooling.

Automated Collision Notification information has been included.

The data elements required to document and evaluate the CDC Field Triage Algorithm for trauma have been included.

Vital Sign and patient monitoring information have been enhanced

A new section for Laboratory and Diagnostic Imaging results has been added.

The Exam section has been reconfigured to improve documentation and ease of use. Much of the medical device information has been mapped into the vital sign section for direct import via the XML standard.

Inclusion of electronic signatures and external electronic documents.

An Airway section has been added to better document and evaluate airway management.

Improved Work Related Illness and Injury documentation capability.

Disposition information has been enhanced especially associated with Specialty Centers and time dependent illness/injury Systems of Care.

EMS Response and Transport Modes have been enhanced to better define emergent, non-emergent, scheduled, and non-scheduled variation.

Additional EMS Response and Transport Mode Descriptors have been added to allow for documentation of Lights and Sirens Use and Intersection Navigation tools.

The Payment/Billing section has been greatly expanded to meet current electronic billing requirements.

Outcome information has been expanded to include additional Emergency Department and Hospital Outcome information (often obtained through linkage).

General Improvements

Version 3 content has focused on objective performance measures to better describe and evaluate EMS service delivery and patient care.

State level configuration and customized data elements have been enhanced without changing the NEMSIS Version 3 Standard.



Table of Contents

MedDeviceDataSet	1
MedDeviceDataSet Grouping	2
eCustomConfiguration	3
eCustomConfiguration Grouping	4
eCustomConfiguration.01 - Custom Data Element Title	5
eCustomConfiguration.02 - Custom Definition	6
eCustomConfiguration.03 - Custom Data Type	7
eCustomConfiguration.04 - Custom Data Element Recurrence	8
eCustomConfiguration.05 - Custom Data Element Usage	9
eCustomConfiguration.06 - Custom Data Element Potential Values	10
eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	11
eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	12
eCustomConfiguration.09 - Custom Data Element Grouping ID	13
eMedDevice	14
eMedDevice Grouping	15
eMedDevice.10 - Patient Care Report Number	17
eMedDevice.11 - Last Name	18
eMedDevice.12 - First Name	19
eMedDevice.13 - Middle Initial/Name	20
eMedDevice.14 - Gender	21
eMedDevice.15 - Race	22
eMedDevice.16 - Age	23 24
eMedDevice.17 - Age Units eMedDevice.19 - Date/Time Vital Signs Taken	24 25
eMedDevice.23 - SBP (Systolic Blood Pressure)	25 26
eMedDevice.24 - DBP (Diastolic Blood Pressure)	20 27
eMedDevice.25 - Method of Blood Pressure Measurement	28
eMedDevice.26 - Mean Arterial Pressure	29
eMedDevice.27 - Heart Rate	30
eMedDevice.28 - Method of Heart Rate Measurement	31
eMedDevice.29 - Pulse Oximetry	32
eMedDevice.30 - Respiratory Rate	33
eMedDevice.31 - End Tidal Carbon Dioxide (ETCO2)	34
eMedDevice.32 - Carbon Monoxide (CO)	35
eMedDevice.33 - Blood Glucose Level	36
eMedDevice.34 - Temperature	37
eMedDevice.35 - Temperature Method	38
eMedDevice.36 - Date/Time of Laboratory or Imaging Result	39
eMedDevice.37 - Laboratory Result Type	40
eMedDevice.38 - Laboratory Result	42
eMedDevice.39 - Imaging Study Type	43
eMedDevice.40 - Imaging Study Results	44
eMedDevice.41 - Imaging Study File or Waveform Graphic Type	45
eMedDevice.42 - Imaging Study File or Waveform Graphic	46
eMedDevice.43 - Medical Device Serial Number	47
eMedDevice.44 - Date/Time of Event (per Medical Device)	48

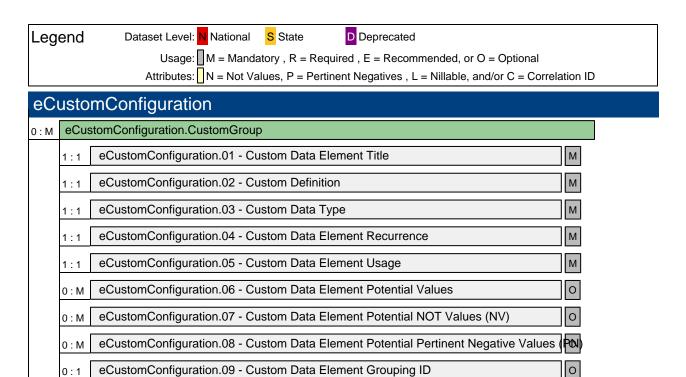
eMedDevice.45 - Medical Device Event Type 4	9
eMedDevice.46 - Medical Device Waveform Graphic Type 5	60
eMedDevice.47 - Medical Device Waveform Graphic 5	51
eMedDevice.48 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc) 5	52
eMedDevice.49 - Medical Device ECG Lead 5	3
eMedDevice.50 - Medical Device ECG Interpretation 5	54
eMedDevice.51 - Type of Shock 5	55
eMedDevice.52 - Shock or Pacing Energy 5	6
eMedDevice.53 - Total Number of Shocks Delivered 5	57
eMedDevice.54 - Pacing Rate 5	8
aCustomBeaulte	:O
eCustomResults 5	59
eCustomResults Grouping 6	0
eCustomResults.01 - Custom Data Element Result 6	51
eCustomResults.02 - Custom Element ID Referenced 6	32
eCustomResults.03 - CorrelationID of PatientCareReport Element or Group 6	3

MedDeviceDataSet

Lege	end Dataset Level: National <mark>S</mark> State	
	Usage: $\square M$ = Mandatory , R = Required , E = Recommended, or O = Optional	
	Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID	
Me	dDeviceDataSet	
0:1	eCustomConfiguration	
1:1	eMedDevice	
0:1	eCustomResults	

MedDeviceDataSet

eCustomConfiguration



eCustomConfiguration

eCustomConfiguration.01 - Custom Data Element Title

Definition

This is the title of the custom data element created to collect information that is not defined formally in NEMSIS Version 3.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Attributes

nemsisElement

Data Type: anySimpleType whiteSpace: preserve

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

This is grouped with all data elements in this section and can have multiple instances.

Version 3 Changes Implemented

eCustomConfiguration.02 - Custom Definition

Definition

The definition of the custom element and how it should be used.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Constraints

Data Type	minLength	maxLength
string	0	255

eCustomConfiguration.03 - Custom Data Type

Definition

The data type of the custom element.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Code List

Code	Description
9902001	Binary
9902003	Date/Time
9902005	Integer/Number
9902007	Other
9902009	Text/String
9902011	Boolean

eCustomConfiguration.04 - Custom Data Element Recurrence

Definition

Indication if the data element will accept multiple values.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Code List

CodeDescription9923001No9923003Yes

Data Element Comment

Version 3 Changes Implemented

eCustomConfiguration.05 - Custom Data Element Usage

Definition

The Usage (Mandatory, Required, Recommended or Optional) for the Custom Data Element.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Code List

CodeDescription9903001Mandatory9903003Required9903005Recommended9903007Optional

Data Element Comment

Mandatory = Must be completed and will not accept null values
Required = Must be completed but will accept null values
Recommended = Not required but if collected will accept null values
Optional = Not required but if collected, it cannot be a null value.

Version 3 Changes Implemented

eCustomConfiguration.06 - Custom Data Element Potential Values

Definition

The values which are associated with the Custom Data Element. Values would be the choices provided to the user when they document the Custom Data Element

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

Attributes

nemsisCode

Data Type: anySimpleType whiteSpace: preserve

customValueDescription

Data Type: anySimpleType whiteSpace: preserve

Constraints

Data TypeminLengthmaxLengthstring1100

Data Element Comment

Version 3 Changes Implemented

eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)

Definition

NOT Values (NV) associated with the custom element

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

Code List

Description
Not Applicable
Not Recorded
Not Reporting

eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)

Definition

Pertinent Negative Values (PN) associated with the custom element

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

Code List

Code	Description
8801001	Contraindication Noted
8801003	Denied By Order
8801005	Exam Finding Not Present
8801007	Medication Allergy
8801009	Medication Already Taken
8801013	No Known Drug Allergy
8801015	None Reported
8801017	Not Performed by EMS
8801019	Refused
8801021	Unresponsive
8801023	Unable to Complete

eCustomConfiguration.09 - Custom Data Element Grouping ID

Definition

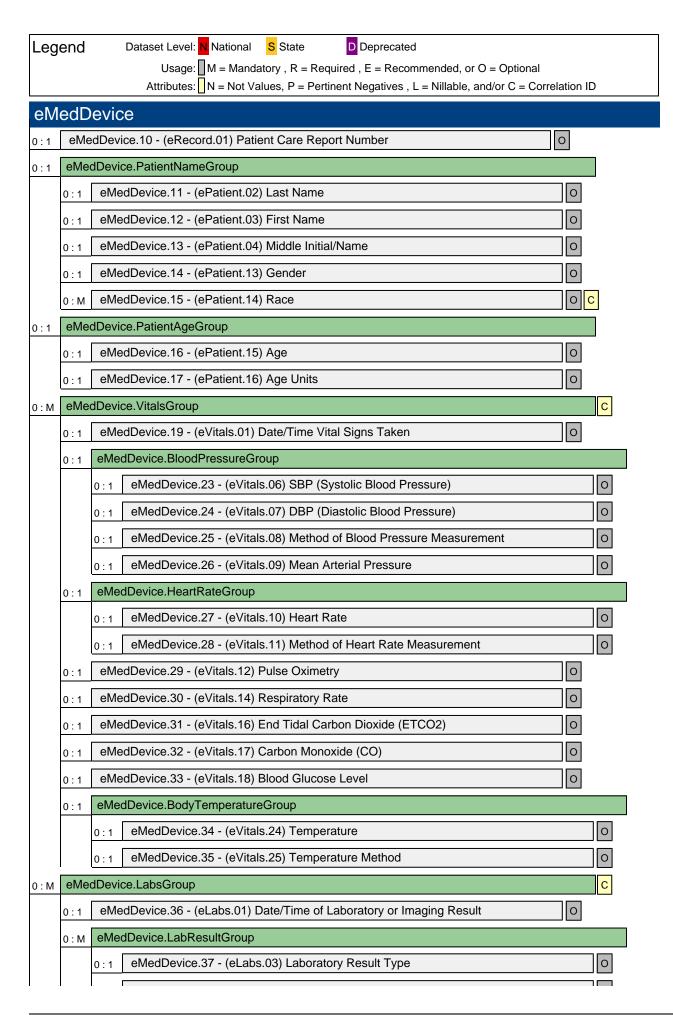
ID for custom element grouping.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minLength	maxLength
string	0	255

eMedDevice



		0:1	eMedDevice.38 - (eLabs.04) Laboratory Result	0				
	0 : M	eMedDevice.LabImageGroup						
		0:1 eMedDevice.39 - (eLabs.05) Imaging Study Type						
		0 : 1 eMedDevice.40 - (eLabs.06) Imaging Study Results						
		0 : м eMedDevice.WaveFormGraphicGroup						
		0:1 eMedDevice.41 - (eLabs.07) Imaging Study File or Waveform Graphic Type						
			0:1 eMedDevice.42 - (eLabs.08) Imaging Study File or Waveform Graphic	0				
0 : M	еМе	dDevi	ice.DeviceGroup]				
	0:1	еМе	edDevice.43 - (eDevice.01) Medical Device Serial Number					
	0:1	eMedDevice.44 - (eDevice.02) Date/Time of Event (per Medical Device)						
	0 : M	eMedDevice.45 - (eDevice.03) Medical Device Event Type						
		eMedDevice.WaveGroup						
	0:1	еМе	dDevice.WaveGroup					
	0:1	eMe 0:1	edDevice.WaveGroup eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type	0				
	0:1			0				
	0:1	0:1	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type	0				
	0:1 0:M	0:1 0:1 0:1	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic	(ag				
		0:1 0:1 0:1	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, o	(ag				
	0 : M	0:1 0:1 0:1 eMe	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, edDevice.49 - (eDevice.07) Medical Device ECG Lead	(ag				
	0 : M 0 : 1	0:1 0:1 0:1 eMe	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, edDevice.49 - (eDevice.07) Medical Device ECG Lead edDevice.50 - (eDevice.08) Medical Device ECG Interpretation	(ag				
	0 : M 0 : 1	0:1 0:1 0:1 eMe	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, edDevice.49 - (eDevice.07) Medical Device ECG Lead edDevice.50 - (eDevice.08) Medical Device ECG Interpretation edDevice.ShockGroup	(a)				
	0 : M 0 : 1	0:1 0:1 0:1 eMe eMe	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, edDevice.49 - (eDevice.07) Medical Device ECG Lead edDevice.50 - (eDevice.08) Medical Device ECG Interpretation edDevice.ShockGroup eMedDevice.51 - (eDevice.09) Type of Shock					

eMedDevice.10

eMedDevice.10 - Patient Care Report Number

Definition

The unique number automatically assigned by the EMS agency for each Patient Care Report (PCR). This should be a unique number for the EMS agency for all of time.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E01_01	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives							
Airway	Cardiac Arrest	Pediatric	Response	STEMI	Stroke	Trauma	
Constrai	nts						

Data Type	minLength	maxLength
string	3	50

eMedDevice.11

eMedDevice.11 - Last Name

Definition

The patient's last (family) name

National Element	No Pertinent Negatives (PN)		No
State Element	No NOT Values		No
Version 2 Element	E06_01	Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minLength	maxLength
string	1	60

eMedDevice.12 - First Name

Definition

The patient's first (given) name

National Element	No Pertinent Negatives (PN)		No
State Element	No NOT Values		No
Version 2 Element	E06_02	Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data TypeminLengthmaxLengthstring150

eMedDevice.13 - Middle Initial/Name

Definition

The patient's middle name, if any

National Element	No Pertinent Negatives (PN)		No
State Element	No NOT Values		No
Version 2 Element	E06_03	Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minLength	maxLength
string	1	50

eMedDevice.14 - Gender

Definition

The Patient's Gender

National Element	No	Pertinent Negatives (PN)	No
State Element	No NOT Values		No
Version 2 Element	E06_11	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway	Cardiac Arrest	Pediatric	Response	STEMI	Stroke	Trauma

Code List

CodeDescription9906001Female9906003Male

9906005 Unknown (Unable to Determine)

NEMSIS Version 3.4.0.160713CP2 eMedDevice.15

eMedDevice.15 - Race

Definition

The patient's race as defined by the OMB (US Office of Management and Budget)

National Element	No	Pertinent Negatives (PN)	No
State Element	No NOT Values		No
Version 2 Element	E06_12	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Airwav	Cardiac Arrest	Pediatric	Response	STEMI	Stroke	Trauma
Allway	Gardiac Arrest	i Guiatiic	response	OILIVII	Olloke	Hauma

Attributes

CorrelationID

Data Type: string minLength: 0 maxLength: 255

Code List

Code	Description
2514001	American Indian or Alaska Native
2514003	Asian
2514005	Black or African American
2514007	Hispanic or Latino
2514009	Native Hawaiian or Other Pacific Islander
2514011	White

Data Element Comment

OMB requirements are provided at: http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvIID=172. Using single multiple choice question methodology to improve the completion of ethnicity information.

Ethnicity (Version 2.2.1: E06_13) has been merged with this data element and retired.

eMedDevice.16

eMedDevice.16 - Age

Definition

The patient's age (either calculated from date of birth or best approximation)

National Element	No	Pertinent Negatives (PN)	No
State Element	No NOT Values		No
Version 2 Element	E06_14	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated	Perf	formance	Measure	Initiatives

Airwav	Cardiac Arrest	Pediatric	Response	STEMI	Stroke	Trauma
Allwav	Calulat Allesi	redianic	LESPONSE	SILIVII	SHOKE	Hauilla

Constraints

Data TypeminInclusivemaxInclusiveinteger1120

eMedDevice.17 - Age Units

Definition

The unit used to define the patient's age

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_15	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trau	Pediatric Response STEMI Stroke	Trauma
--	---------------------------------	--------

Code List

Code	Description
2516001	Days
2516003	Hours
2516005	Minutes
2516007	Months
2516009	Years

eMedDevice.19 - Date/Time Vital Signs Taken

Definition

The date/time vital signs were taken on the patient.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_01	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Constraints

Data Type minInclusive maxInclusive

dateTime 1950-01-01T00:00:00-00:00 2050-01-01T00:00:00-00:00

Pattern

 $[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\backslash d+)?(\backslash +|-)[0-9]{2}:[0-9]{2}$

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzzz)

уууу	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
Т	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
1:1	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
SS	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
zzzzz	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'-'	a nonpositive duration

NEMSIS Version 3.4.0.160713CP2 **eMedDevice.23**

eMedDevice.23 - SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_04	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives
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Aliway Cardiac Arrest Pediatric Steivii Stroke fraur	Pediatric STEMI Stroke Trau	Pediatric	Cardiac Arrest	Airway
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Constraints

Data Type	minInclusive	maxInclusive
integer	0	500

Data Element Comment

Required for ACS-Field Triage and other patient scoring systems.

eMedDevice.24 - DBP (Diastolic Blood Pressure)

Definition

The patient's diastolic blood pressure.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_05	Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Pattern

[5][0][0]|[1-4][0-9][0-9]|[0]|[1-9][0-9]|P|p

Data Element Comment

Diastolic blood pressure pattern allows for the following values:

- 1) A number 0 through 500 2) P 3) p

eMedDevice.25 - Method of Blood Pressure Measurement

Definition

Indication of method of blood pressure measurement.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_06	Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
3308001	Arterial Line
3308003	Doppler
3308005	Cuff-Automated
3308007	Cuff-Manual Auscultated
3308009	Cuff-Manual Palpated Only
3308011	Venous Line

eMedDevice.26 - Mean Arterial Pressure

Definition

The patient's mean arterial pressure.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data TypeminInclusivemaxInclusiveinteger1500

Data Element Comment

Version 3 Changes Implemented

Added for additional patient monitoring capability.

eMedDevice.27 - Heart Rate

Definition

The patient's heart rate expressed as a number per minute.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_07	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway	Cardiac Arrest	Pediatric	STEMI	Stroke	Trauma

Constraints

Data Type	minInclusive	maxInclusive
integer	0	500

Data Element Comment

Pulse Rate and Electronic Monitor Rate have been merged with an additional data element for Method of Heart Rate Measurement.

eMedDevice.28 - Method of Heart Rate Measurement

Definition

The method in which the Heart Rate was measured. Values include auscultated, palpated, electronic monitor).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
3311001	Auscultated
3311003	Doppler
3311005	Electronic Monitor - Cardiac
3311007	Electronic Monitor - Pulse Oximeter
3311009	Electronic Monitor (Other)
3311011	Palpated

Data Element Comment

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

Version 3 Changes Implemented

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

eMedDevice.29 - Pulse Oximetry

Definition

The patient's oxygen saturation.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_09	Is Nillable	No
Usage	Optional	Recurrence	0:1

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Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Constraints

Data TypeminInclusivemaxInclusiveinteger0100

eMedDevice.30 - Respiratory Rate

Definition

The patient's respiratory rate expressed as a number per minute.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_11	Is Nillable	No
Usage	Optional	Recurrence	0:1

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Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Constraints

Data Type integer minInclusive maxInclusive 300

NEMSIS Version 3.4.0.160713CP2 eMedDevice.31

eMedDevice.31 - End Tidal Carbon Dioxide (ETCO2)

Definition

The numeric value of the patient's exhaled end tidal carbon dioxide (ETCO2) level measured as a unit of pressure in millimeters of mercury (mmHg).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_13	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives							
Airway	Cardiac Arrest	Pediatric	STEMI	Stroke	Trauma		

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Data TypeminInclusivemaxInclusiveinteger0200

eMedDevice.32 - Carbon Monoxide (CO)

Definition

The numeric value of the patient's carbon monoxide level measured as a percentage (%) of carboxyhemoglobin (COHb).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minInclusive	maxInclusive	totalDigits	fractionDigits
decimal	0	100	3	1

Data Element Comment

Version 3 Changes Implemented

Added to allow use of a new patient monitoring devices.

eMedDevice.33 - Blood Glucose Level

Definition

The patient's blood glucose level.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_14	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Pediatric Stroke

Constraints

Data Type integer minInclusive maxInclusive 2000

NEMSIS Version 3.4.0.160713CP2 eMedDevice.34

eMedDevice.34 - Temperature

Definition

The patient's body temperature in degrees Celsius/centigrade.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_20	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Pediatric

Constraints

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	3	1	0	50

eMedDevice.35 - Temperature Method

Definition

The method used to obtain the patient's body temperature.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_21	Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
3325001	Axillary
3325003	Central (Venous or Arterial)
3325005	Esophageal
3325007	Oral
3325009	Rectal
3325011	Temporal Artery
3325013	Tympanic
3325015	Urinary Catheter
3325017	Skin Probe

eMedDevice.36 - Date/Time of Laboratory or Imaging Result

Definition

The data and time for the specific laboratory result

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type minInclusive maxInclusive

dateTime 1950-01-01T00:00:00-00:00 2050-01-01T00:00:00-00:00

Pattern

 $[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\land d+)?(\land d+)?(\land$

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

уууу	a four-digit numeral that represents the year
'-'	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
Т	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
1.1	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
SS	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
ZZZZZZ	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
'_'	a nonpositive duration

Version 3 Changes Implemented

Added to better document patient care.

eMedDevice.37 - Laboratory Result Type

Definition

The type of the laboratory value.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
3403001	Alanine Transaminase
3403003	Alcohol-Blood
3403005	Alcohol-Breath
3403007	Alkaline Phosphatase
3403009	Amylase
3403013	Aspartate Transaminase
3403015	B-Type Natriuretic Peptide (BNP)
3403017	Base Excess
3403019	Bilirubin-Direct
3403021	Bilirubin-Total
3403023	BUN
3403025	Calcium-Ionized
3403027	Calcium-Serum
3403029	Carbon Dioxide-Partial Pressure
3403033	Chloride
3403035	Creatine Kinase
3403037	Creatine Kinase-MB
3403039	Creatinine
3403041	Gamma Glutamyl Transpeptidase
3403043	Glucose
3403045	Hematocrit
3403047	Hemoglobin
3403049	Human Chorionic Gonadotropin-Serum
3403051	Human Chorionic Gonadotropin-Urine
3403053	International Normalized Ratio (INR)
3403055	Lactate Dehydrogenase
3403057	Lactate-Arterial
3403059	Lactate-Venous
3403061	Lipase
3403063	Magnesium
3403065	Oxygen-Partial Pressure
3403067	Partial Thromboplastin Time
3403071	pH-ABG
3403073	pH-Venous
3403075	Platelets
3403077	Potassium
3403079	Prothrombin Time
3403081	Red Blood Cells
3403083	Sodium
3403085	Troponin
3403087	White Blood Cells
3403089	Ammonia
3403091	Bicarbonate (HCO3)
3403093	Carboxyhemoglobin
3403095	CO2, Total (Bicarbonate)
3403097	CRP (C-Reactive Protein)
3403099	Dilantin
3403101	Leukocytes
3403103	Nitrates
3403105	Phenobarbital
2402107	Protein

3403107 Protein

3403109 Salicylate 3403111 Specific Gravity 3403113 Tylenol

Data Element Comment

Version 3 Changes Implemented

Added to provide for the documentation of laboratory results obtained prior to or during and EMS patient encounter.

eMedDevice.38 - Laboratory Result

Definition

The value or result of the laboratory test (Units may vary).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data TypeminLengthmaxLengthstring150

Data Element Comment

Version 3 Changes Implemented

Added to better document EMS care.

eMedDevice.39 - Imaging Study Type

Definition

The type of x-ray or imaging study.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
3405001	CAT Scan
3405003	Magnetic Resonance Imaging (MRI)
3405005	Other
3405007	PET Scan
3405009	Ultrasound
3405011	X-ray
3405013	Angiography

Data Element Comment

Version 3 Changes Implemented

Added to better describe the EMS patient care.

eMedDevice.40 - Imaging Study Results

Definition

The description or interpretation of the results of the imaging study.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data TypeminLengthmaxLengthstring35000

Data Element Comment

Version 3 Changes Implemented

Added to better describe the EMS Patient Care

NEMSIS Version 3.4.0.160713CP2 eMedDevice.41

eMedDevice.41 - Imaging Study File or Waveform Graphic Type

Definition

The description of the image study file or waveform graphic stored in Imaging Study File or Waveform Graphic (eMedDevice.42).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data TypeminLengthmaxLengthstring1255

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc. For a list of additional extensions reference the following website(s):

3D Image formats: http://www.fileinfo.com/filetypes/3d_image

Raster Image formats: http://www.fileinfo.com/filetypes/raster_image Vector Image formats: http://www.fileinfo.com/filetypes/vector_image

Video formats: http://www.fileinfo.com/filetypes/video Audio formats: http://www.fileinfo.com/filetypes/audio

Comparison of formats:

Image: http://en.wikipedia.org/wiki/Comparison_of_image_file_formats

Audio: http://en.wikipedia.org/wiki/Audio_file_format

Container: http://en.wikipedia.org/wiki/Comparison_of_container_formats

A general list of image formats: http://en.wikipedia.org/wiki/Image_file_formats

Mime Types: http://en.wikipedia.org/wiki/Internet_media_type

eMedDevice.42 - Imaging Study File or Waveform Graphic

Definition

The imaging study file.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data Type base64Binary

Data Element Comment

Added to allow the imaging file to be uploaded and better document patient care.

eMedDevice.43 - Medical Device Serial Number

Definition

The unique manufacturer's serial number associated with a medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minLength	maxLength
string	2	50

eMedDevice.44 - Date/Time of Event (per Medical Device)

Definition

The time of the event recorded by the device's internal clock

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_01	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data Type minInclusive maxInclusive

dateTime 1950-01-01T00:00:00-00:00 2050-01-01T00:00:00-00:00

Pattern

 $[0-9]\{4\}-[0-9]\{2\}-[0-9][2]-[0-9]-[0-9][2]-[0-9][2]-[0-9]-$

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzzz)

уууу	a four-digit numeral that represents the year
121	separators between parts of the date portion
mm	a two-digit numeral that represents the month
dd	a two-digit numeral that represents the day
Т	separator that indicates time-of-day follows
hh	a two-digit numeral that represents the hour
1:1	a separator between parts of the time-of-day portion
mm	a two-digit numeral that represents the minute
SS	a two-integer-digit numeral that represents the whole seconds
'.' s+	(not required) represents the fractional seconds
ZZZZZZ	(required) represents the timezone (as described below)

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

hh	a two-digit numeral (with leading zeros as required) that represents the hours
mm	a two-digit numeral that represents the minutes
'+'	a nonnegative duration
יבי	a nonpositive duration

eMedDevice.45 - Medical Device Event Type

Definition

The type of event documented by the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_02	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Attributes

CorrelationID

Data Type: string **minLength:** 0 **maxLength:** 255

Code List

Code	Description
4103001	12-Lead ECG
4103003	Analysis (Button Pressed)
4103005	CO2
4103007	Date Transmitted
4103009	Defibrillation
4103011	ECG-Monitor
4103013	Heart Rate
4103015	Invasive Pressure 1
4103017	Invasive Pressure 2
4103019	No Shock Advised
4103021	Non-Invasive BP
4103023	Other
4103025	Pacing Electrical Capture
4103027	Pacing Started
4103029	Pacing Stopped
4103031	Patient Connected
4103033	Power On
4103035	Pulse Oximetry
4103037	Pulse Rate
4103039	Respiratory Rate
4103041	Shock Advised
4103043	Sync Off
4103045	Sync On
4103047	Temperature 1
4103049	Temperature 2

Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

eMedDevice.46 - Medical Device Waveform Graphic Type

Definition

The description of the waveform file stored in Medical Device Waveform Graphic (eMedDevice.47).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_03	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data TypeminLengthmaxLengthstring1255

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc. For a list of additional extensions reference the following website(s):

3D Image formats: http://www.fileinfo.com/filetypes/3d_image Raster Image formats: http://www.fileinfo.com/filetypes/raster_image Vector Image formats: http://www.fileinfo.com/filetypes/vector_image

Video formats: http://www.fileinfo.com/filetypes/video Audio formats: http://www.fileinfo.com/filetypes/audio

Comparison of formats:

Image: http://en.wikipedia.org/wiki/Comparison_of_image_file_formats

Audio: http://en.wikipedia.org/wiki/Audio_file_format

Container: http://en.wikipedia.org/wiki/Comparison_of_container_formats

A general list of image formats: http://en.wikipedia.org/wiki/Image_file_formats

Mime Types: http://en.wikipedia.org/wiki/Internet_media_type

eMedDevice.47 - Medical Device Waveform Graphic

Definition

The graphic waveform file.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_04	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data Type base64Binary

eMedDevice.48 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)

Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_05	Is Nillable	No
Usage	Optional	Recurrence	0:1

Code List

Code	Description
4106001	Advisory
4106003	Automated
4106005	Demand
4106007	Manual
4106009	Mid-Stream
4106011	Sensing
4106013	Side-Stream

eMedDevice.49 - Medical Device ECG Lead

Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_06	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Attributes

CorrelationID

Data Type: string **minLength:** 0 **maxLength:** 255

Code List

0000 2.0	•
Code	Description
4107001	I
4107003	II
4107005	III
4107007	AVR
4107009	AVL
4107011	AVF
4107013	Paddle
4107015	Pads
4107017	V1
4107019	V2
4107021	V3
4107023	V3r
4107025	V4
4107027	V4r
4107029	V5
4107031	V5r
4107033	V6
4107035	V6r
4107037	V7
4107039	V8
4107041	V9
	_

Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

NEMSIS Version 3.4.0.160713CP2 **eMedDevice.50**

eMedDevice.50 - Medical Device ECG Interpretation

Definition

The interpretation of the rhythm by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_07	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data TypeminLengthmaxLengthstring12000

Data Element Comment

The rhythm interpretation text imported from the device.

eMedDevice.51 - Type of Shock

Definition

The type of shock used by the device for the defibrillation (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_08	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Cardiac Arrest

Code List

Code
4109001Description
Biphasic4109003Monophasic

NEMSIS Version 3.4.0.160713CP2 eMedDevice.52

eMedDevice.52 - Shock or Pacing Energy

Definition

The energy (in joules) used for the shock or pacing (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_09	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Cardiac Arrest

Constraints

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	5	1	1	9000

NEMSIS Version 3.4.0.160713CP2 **eMedDevice.53**

eMedDevice.53 - Total Number of Shocks Delivered

Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_10	Is Nillable	No
Usage	Optional	Recurrence	0:1

Associated Performance Measure Initiatives

Cardiac Arrest

Constraints

Data TypeminInclusivemaxInclusiveinteger1100

eMedDevice.54 - Pacing Rate

Definition

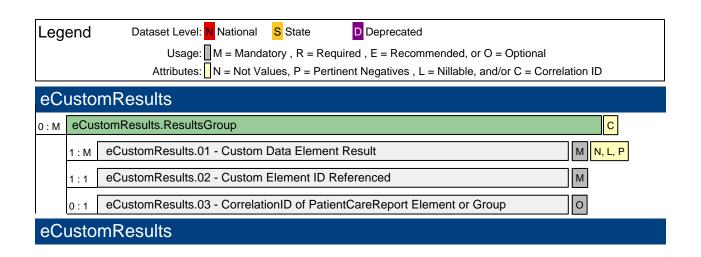
The rate the device was calibrated to pace during the event, if appropriate.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_11	Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minInclusive	maxInclusive
integer	1	1000

eCustomResults



eCustomResults.01 - Custom Data Element Result

Definition

The actual value or values chosen (if values listed in eCustomConfiguration.06) or result (free text, Date/Time, or number) documented for the Custom Data Element

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	Yes
Version 2 Element		Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : M

Attributes

NOT Values (NV)

Pertinent Negatives (PN)

NV

7701001 - Not Applicable 7701003 - Not Recorded 7701005 - Not Reporting

PN

8801001 - Contraindication Noted 8801003 - Denied By Order 8801005 - Exam Finding Not Present 8801007 - Medication Allergy 8801009 - Medication Already Taken 8801013 - No Known Drug Allergy

8801015 - None Reported 8801017 - Not Performed by EMS 8801019 - Refused

8801021 - Unresponsive 8801023 - Unable to Complete

Constraints

Data TypeminLengthmaxLengthstring1100000

Data Element Comment

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomResults.02 - Custom Element ID Referenced

Definition

References the CustomElementID attribute for eCustomConfiguration.CustomGroup

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Mandatory	Recurrence	1:1

Constraints

Data Type	minLength	maxLength
string	0	255

eCustomResults.03 - CorrelationID of PatientCareReport Element or Group

Definition

References the CorrelationID attribute of an element or group in the PatientCareReport section

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0:1

Constraints

Data Type	minLength	maxLength
string	0	255

Index

MedDeviceDataSet	1
MedDeviceDataSet Grouping	2
eCustomConfiguration	3
eCustomConfiguration Grouping	4
eCustomConfiguration.01 - Custom Data Element Title	5
eCustomConfiguration.02 - Custom Definition	6
eCustomConfiguration.03 - Custom Data Type	7
eCustomConfiguration.04 - Custom Data Element Recurrence	8
eCustomConfiguration.05 - Custom Data Element Usage	9
eCustomConfiguration.06 - Custom Data Element Potential Values	10
eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	11
eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	12
eCustomConfiguration.09 - Custom Data Element Grouping ID	13
eCustomResults	59
eCustomResults Grouping	60
eCustomResults.01 - Custom Data Element Result	61
eCustomResults.02 - Custom Element ID Referenced	62
eCustomResults.03 - CorrelationID of PatientCareReport Element or Group	63
Considering of Patient Caron Considering of Patient Caron Considering Consider	
eMedDevice eMedDevice	14
eMedDevice Grouping	15
eMedDevice.10 - Patient Care Report Number	17
eMedDevice.11 - Last Name	18
eMedDevice.12 - First Name	19
eMedDevice.13 - Middle Initial/Name	20
eMedDevice.14 - Gender	21
eMedDevice.15 - Race	22
eMedDevice.16 - Age	23
eMedDevice.17 - Age Units	24
eMedDevice.19 - Date/Time Vital Signs Taken	25
eMedDevice.23 - SBP (Systolic Blood Pressure)	26
eMedDevice.24 - DBP (Diastolic Blood Pressure)	27
eMedDevice.25 - Method of Blood Pressure Measurement	28
eMedDevice.26 - Mean Arterial Pressure	29
eMedDevice.27 - Heart Rate	30
eMedDevice.28 - Method of Heart Rate Measurement	31
eMedDevice.29 - Pulse Oximetry	32
eMedDevice.30 - Respiratory Rate	33
eMedDevice.31 - End Tidal Carbon Dioxide (ETCO2)	34
eMedDevice.32 - Carbon Monoxide (CO)	35
eMedDevice.33 - Blood Glucose Level	36
eMedDevice.34 - Temperature	37
eMedDevice.35 - Temperature Method	38
eMedDevice.36 - Date/Time of Laboratory or Imaging Result	39
eMedDevice.37 - Laboratory Result Type	40
eMedDevice.38 - Laboratory Result	42

eMedDevice.39 - Imaging Study Type	43
eMedDevice.40 - Imaging Study Results	44
eMedDevice.41 - Imaging Study File or Waveform Graphic Type	45
eMedDevice.42 - Imaging Study File or Waveform Graphic	46
eMedDevice.43 - Medical Device Serial Number	47
eMedDevice.44 - Date/Time of Event (per Medical Device)	48
eMedDevice.45 - Medical Device Event Type	49
eMedDevice.46 - Medical Device Waveform Graphic Type	50
eMedDevice.47 - Medical Device Waveform Graphic	51
eMedDevice.48 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)	52
eMedDevice.49 - Medical Device ECG Lead	53
eMedDevice.50 - Medical Device ECG Interpretation	54
eMedDevice.51 - Type of Shock	55
eMedDevice.52 - Shock or Pacing Energy	56
eMedDevice.53 - Total Number of Shocks Delivered	57
eMedDevice.54 - Pacing Rate	58