

## eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)

## Definition

The cardiac rhythm / ECG and other electrocardiography findings of the patient as interpreted by EMS personnel.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_03	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

## Associated Performance Measure Initiatives

Cardiac Arrest      STEMI

## Attributes

**NOT Values (NV)**

7701001 - Not Applicable      7701003 - Not Recorded

**Pertinent Negatives (PN)**

8801019 - Refused      8801023 - Unable to Complete

**CorrelationID**

**Data Type:** string      **minLength:** 2      **maxLength:** 255

## Code List

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901030	Non-STEMI Septal Ischemia
9901031	Other
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901058	STEMI Septal Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation

9901069 Ventricular Tachycardia (With Pulse)  
9901071 Ventricular Tachycardia (Pulseless)

#### Data Element Comment

#### Associated Validation Rules

Rule ID	Level	Message
nemSch_e001	Error	When Cardiac Rhythm / Electrocardiography (ECG) is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
nemSch_e002	Error	When Cardiac Rhythm / Electrocardiography (ECG) has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
nemSch_e008	Error	When Cardiac Rhythm / Electrocardiography (ECG) has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).
nemSch_e009	Warning	When Cardiac Rhythm / Electrocardiography (ECG) has a Not Value, no other value should be recorded.
nemSch_e010	Warning	When Cardiac Rhythm / Electrocardiography (ECG) has a Pertinent Negative, no other value should be recorded.
nemSch_e087	Warning	Date/Time Last Known Well should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Rhythm / Electrocardiography (ECG) is "STEMI..."
nemSch_e173	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Rhythm / Electrocardiography (ECG) is "STEMI..."