

eArrest.21 - Who First Applied the AED

Definition

Documentation of who first applied the AED for this EMS event.

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
3021001	Bystander
3021003	Family Member
3021005	Healthcare Provider (non-911 Responder)
3021007	First Responder (EMS)
3021009	First Responder (Law Enforcement)
3021011	First Responder (non-EMS Fire)
3021013	EMS Responder (transport EMS)

Data Element Comment

Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest. Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.

Family members are defined as the patient's relatives.

Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.

First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.

First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient. For example, First Responder (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.

First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.

First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.

EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.21 is the equivalent of CARES data element #27 Who First Applied the AED as defined by CARES in the CARES 2019 Data Dictionary: [https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf).

Associated Validation Rules

Rule ID	Level	Message
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nemSch_e001	Error	When Who First Applied the AED 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 Who First Applied the AED has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
nemSch_e119	Warning	Who First Applied the AED should be recorded when AED Use Prior to EMS Arrival is "Yes...".
nemSch_e120	Warning	Who First Applied the AED should only be recorded when Cardiac Arrest is "Yes...".