Electrocardiogram (ECG) change - type

Identifying and Definitional Attributes

Data Dictionary: NHDD

Knowledgebase ID: 001038   Version number: 1

Metadata type: DATA ELEMENT

Registration Authority: NHIMG   Admin status: SUPERSEDED

Effective date: 01-MAR-05

Definition: Describes the type of change to the heart rhythm seen on the electrocardiogram (ECG).

Context: Acute coronary syndrome treatment settings.

Relational and Representational Attributes

Datatype: Numeric

Representational form: CODE

Representation layout: N

Minimum Size:

Maximum Size: 1

Data Domain:

1	ST-segment elevation >= 1 mm (0.1 mV) in >= 2 contiguous limb leads
2	ST-segment elevation >= 2 mm (0.2 mV) in >= 2 contiguous chest leads
3	ST-segment depression >= 0.5 mm (0.05 mV) in >= 2 contiguous leads (includes reciprocal changes)
4	T-wave inversion >= 1 mm (0.1 mV)
5	Significant Q waves
6	Bundle branch block (BBB)
7	Non-specific
8	No changes
9	Not stated/inadequately described

Guide For Use: For Acute coronary syndrome (ACS) reporting, used to determine diagnostic strata.
More than one code may be recorded.
Record all that apply (codes 7, 8 and 9 are excluded from multiple coding).

Code 1 ST-segment elevation indicates greater than or equal to 1 mm (0.1 mV) elevation in 2 or more contiguous limb leads
Code 2 ST-segment elevation indicates greater than or equal to 2 mm (0.2 mV) elevation in 2 or more contiguous chest leads
Code 3 ST-segment depression of at least 0.5 mm (0.05 mV) in 2 or more contiguous leads (includes reciprocal changes)
Code 4 T-wave inversion of at least 1 mm (0.1 mV) including inverted T waves that are not indicative of acute MI
Code 5 Q waves refer to the presence of Q waves that are greater than or equal to 0.03 seconds in width and greater than or equal to 1 mm (0.1 mV) in depth in at least 2 contiguous leads
Code 6 Bundle branch block pattern
Code 7 Changes not meeting the above criteria
Code 8 No ECG changes
Code 9 includes unknown

Related metadata: is used in conjunction with Date of triage version 1
is used in conjunction with Time of triage version 1
is used in conjunction with Acute coronary syndrome procedure type version 1
is a qualifier of Acute coronary syndrome stratum version 1
is used in conjunction with Electrocardiogram (ECG) change - location version 1

Administrative Attributes

Source Document:

Source Organisation: Acute Coronary Syndrome Data Working Group.

Data Element Links

Information Model Entities linked to this Data Element

NHIM   Service provision event

Data Agreements which include this Data Element

DSS - Acute coronary syndrome (clinical)   From 04-Jun-04 to