

# Electrocardiogram change type code N

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## Identifying and definitional attributes

<b>Metadata item type:</b>	Value Domain
<b>METEOR identifier:</b>	356861
<b>Registration status:</b>	<a href="#">Health</a> , Standard 01/10/2008
<b>Definition:</b>	A code set describing the type of change to the heart rhythm seen on the electrocardiogram (ECG).

## Representational attributes

<b>Representation class:</b>	Code
<b>Data type:</b>	Number
<b>Format:</b>	NN
<b>Maximum character length:</b>	2

	Value	Meaning
<b>Permissible values:</b>	10	ST-segment-elevation $\geq 1$ mm (0.1 mV) in $\geq 2$ contiguous limb leads
	11	ST-segment-elevation $\geq 2$ mm (0.2 mV) in $\geq 2$ contiguous chest leads
	12	ST-segment depression $\geq 0.5$ mm (0.05 mV) in $\geq 2$ contiguous leads (includes reciprocal changes)
	20	T-wave inversion $\geq 2$ mm (0.1 mV)
	30	Significant Q waves
	40	Left bundle-branch block (BBB)
	41	Right bundle-branch block (BBB)
	42	Indeterminate bundle-branch block (BBB)
	90	Non specific
<b>Supplementary values:</b>	99	Not stated/inadequately described

## Collection and usage attributes

## Guide for use:

### ST-segment changes

CODE 10 ST-segment-elevation  $\geq 1$  mm (0.1 mV) in  $\geq 2$  contiguous limb leads

ST-segment-elevation indicates greater than or equal to 1 mm (0.1 mV) elevation in 2 or more contiguous limb leads.

CODE 11 ST-segment-elevation  $\geq 2$  mm (0.2 mV) in  $\geq 2$  contiguous chest leads

ST-segment-elevation indicates greater than or equal to 2 mm (0.2 mV) elevation in 2 or more contiguous chest leads.

CODE 12 ST-segment depression  $\geq 0.5$  mm (0.05 mV) in  $\geq 2$  contiguous leads (includes reciprocal changes)

ST-segment depression of at least 0.5 mm (0.05 mV) in 2 or more contiguous leads (includes reciprocal changes).

### T-wave changes

CODE 20 T-wave inversion  $\geq 2$  mm (0.2 mV)

T-wave inversion of at least 2 mm (0.2 mV) including inverted T waves that are not indicative of acute MI.

### Q wave changes

CODE 30 Significant Q waves

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.

### Bundle-branch block changes

CODE 40 Left bundle branch block (BBB)

Diffuse left bundle-branch block pattern.

CODE 41 Right bundle-branch block (BBB)

Diffuse right bundle-branch block pattern.

CODE 42 Indeterminate bundle-branch block (BBB)

Bundle-branch block pattern identified, but left or right location is unclear.

CODE 90 Non-specific

Changes not meeting the above criteria.

CODE 99 Not stated/inadequately described

Includes unknown.

## Relational attributes

### Related metadata references:

Supersedes [Electrocardiogram change type code N Health](#), Superseded 01/10/2008

### Data elements implementing this value domain:

[Electrocardiogram—change type, code N Health](#), Standard 01/10/2008