

# Electrocardiogram cluster

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# Electrocardiogram cluster

## Identifying and definitional attributes

Metadata item type:	Data Set Specification
METEOR identifier:	351884
Registration status:	<a href="#">Health</a> , Standard 01/10/2008
DSS type:	Data Element Cluster
Scope:	<p>An electrocardiogram (ECG) measures the electrical activity of the heart over time. The evaluation of an ECG provides important diagnostic information relevant to the risk stratification, diagnosis and management of acute coronary syndromes. The electrocardiogram cluster collects information on the timing of each ECG and specific diagnostic characteristics determined from the ECG:</p> <ul style="list-style-type: none"><li>• ECG change type and location</li><li>• Bundle-branch block status</li><li>• Q waves status</li><li>• ST-segment elevation in lead V4R</li></ul>

## Relational attributes

Implementation in Data Set Specifications:	<a href="#">Acute coronary syndrome (clinical) DSS</a> <a href="#">Health</a> , Superseded 01/09/2012
	<a href="#">Acute coronary syndrome (clinical) DSS</a> <a href="#">Health</a> , Superseded 02/05/2013
	<a href="#">Acute coronary syndrome (clinical) NBPDS 2013-</a> <a href="#">Health</a> , Standard 02/05/2013
	<b>Implementation start date:</b> 01/07/2013

## Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	<a href="#">Electrocardiogram—bundle-branch block status, code N</a>	Conditional	1
	<b>Conditional obligation:</b>  Record if a bundle-branch block has been detected on an electrocardiogram.		
-	<a href="#">Electrocardiogram—change location, code N</a>	Conditional	1
	<b>DSS specific information:</b>  To be provided each time an ECG is performed.		
-	<a href="#">Electrocardiogram—change type, code N</a>	Conditional	99
	<b>DSS specific information:</b>  To be provided each time an ECG is performed.		
-	<a href="#">Electrocardiogram—electrocardiogram date, DDMMYYYY</a>	Mandatory	99
	<b>DSS specific information:</b>  To be provided each time an ECG is performed.		

Seq No.	Metadata item	Obligation	Max occurs
-	<a href="#">Electrocardiogram—electrocardiogram time, hhmm</a>	Mandatory	99
	<i>DSS specific information:</i>		
	To be provided each time an ECG is performed.		
-	<a href="#">Electrocardiogram—heart rhythm type, code N[N]</a>	Mandatory	99
	<i>DSS specific information:</i>		
	To be provided each time an ECG is performed.		
-	<a href="#">Electrocardiogram—lead V4R presence indicator, yes/no code N</a>	Mandatory	99
	<i>DSS specific information:</i>		
	To be provided each time an ECG is performed.		
-	<a href="#">Electrocardiogram—new Q waves indicator, yes/no code N</a>	Conditional	99
	<i>Conditional obligation:</i>		
	Record if Q waves are present on the follow up electrocardiogram.		
-	<a href="#">Electrocardiogram—ST-segment-elevation in lead V4R indicator, yes/no code N</a>	Conditional	99
	<i>Conditional obligation:</i>		
	Record when lead V4R was performed on the electrocardiogram.		
-	<a href="#">Person—electrocardiogram Q waves indicator, yes/no code N</a>	Mandatory	99
	<i>Conditional obligation:</i>		
	Record for all follow up electrocardiograms performed after the initial electrocardiogram.		