Acute coronary syndrome risk stratum code N

Exported from METEOR

(AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website’s material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at https://creativecommons.org/licenses/by/4.0/.

Enquiries relating to copyright should be addressed to info@aihw.gov.au.

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at meteor@aihw.gov.au.

# Acute coronary syndrome risk stratum code N

|  |
| --- |
| Identifying and definitional attributes |
| Metadata item type: | Value Domain |
| METEOR identifier: | 356673 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | A code set representing the clinical features consistent with an acute coronary syndrome risk. |

|  |
| --- |
| Representational attributes |
| Representation class: | Code |
| Data type: | Number |
| Format: | N |
| Maximum character length: | 1 |
|   | **Value** | **Meaning** |
| Permissible values: | 1 | ST-segment-elevation (myocardial infarction) |
|   | 2 | Non-ST-segment-elevation ACS with high-risk features |
|   | 3 | Non-ST-segment-elevation ACS with intermediate-risk features |
|   | 4 | Non-ST-segment-elevation ACS with low-risk features |
| Supplementary values: | 9  | Not stated/inadequately described  |

|  |
| --- |
| Collection and usage attributes |
| Guide for use: | CODE 1     ST-segment-elevation (myocardial infarction)This code is used where persistent ST elevation of >=1mm in two contiguous limb leads, or ST elevation of >=2mm in two contiguous chest leads, or with new left bundle -branch block (BBB) pattern on the ECG.This classification is intended for identification of patients potentially eligible for reperfusion therapy, either pharmacologic or intervention-based. Other considerations such as the time to presentation and the clinical appropriateness of instituting reperfusion are not reflected in this metadata item.CODE 2     Non-ST-segment-elevation ACS with high-risk featuresThis code is used when presentation with clinical features consistent with an acute coronary syndrome with high-risk features which include any of the following:* repetitive or prolonged (> 10 minutes) ongoing chest pain or discomfort;
* elevated level of at least one cardiac biomarker (troponin or creatine kinase-MB isoenzyme);
* persistent or dynamic ECG changes of ST segment depression >= 0.5mm or new T wave >= 2mm;
* transient ST-segment elevation (>= 0.5 mm) in more than 2 contiguous leads;
* haemodynamic compromise: Blood pressure < 90 mmHg systolic, cool peripheries, diaphoresis, Killip Class > 1, and/or new onset mitral regurgitation;
* sustained ventricular tachycardia;
* syncope;
* left ventricular systolic dysfunction (left ventricular ejection fraction < 0.40);
* prior percutaneous coronary intervention within 6 months or prior coronary artery bypass surgery;
* presence of known diabetes (with typical symptoms of ACS);or
* chronic kidney disease (estimated glomerular filtration rate < 60mL/minute) (with typical symptoms of ACS).

This classification is intended for identification of patients potentially eligible for aggressive medical management and coronary angiography and revascularisation.CODE 3     Non-ST-segment-elevation ACS with intermediate-risk featuresThis code is used when presentation with clinical features consistent with an acute coronary syndrome and any of the following intermediate-risk features AND NOT meeting the criteria for high-risk ACS:* chest pain or discomfort within the past 48 hours that occurred at rest, or was repetitive or prolonged (but currently resolved);
* age greater than 65yrs;
* known coronary heart disease: prior myocardial infarction with left ventricular ejection fraction >= 0.40 known coronary lesion more than 50% stenosed;
* no high-risk changes on electrocardiography (see high-risk features);
* two or more of the following risk factors: known hypertension, family history, active smoking or hyperlipidaemia;
* presence of known diabetes (with atypical symptoms of ACS);
* chronic kidney disease (estimated glomerular filtration rate < 60mL/minute) (with atypical symptoms of ACS); or
* prior aspirin use.

This classification is intended for identification of patients potentially eligible for accelerated diagnostic evaluation and further risk stratification.CODE 4     Non-ST-segment-elevation ACS with low-risk featuresThis code is used when presentation with clinical features consistent with an acute coronary syndrome without intermediate or high-risk features of non-ST-segment-elevation ACS. This includes onset of anginal symptoms within the last month, or worsening in severity or frequency of angina, or lowering of anginal threshold.This classification is intended for identification of patients potentially eligible for outpatient investigation discharge on upgraded medical therapy and outpatient investigation. |

|  |
| --- |
| Relational attributes  |
| Related metadata references: | Supersedes [Acute coronary syndrome risk stratum code N](https://meteor.aihw.gov.au/content/284654)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 01/10/2008 |
| Data elements implementing this value domain: | [Person—acute coronary syndrome risk stratum, code N](https://meteor.aihw.gov.au/content/356665)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |