

## Appendix 2: Clinical codes (Read and ICD) used to identify cardiovascular events

### (a) Myocardial infarction

#### Primary care (Read codes)

readcode	readterm
323..00	ECG: myocardial infarction
323Z.00	ECG: myocardial infarct NOS
G30..00	Acute myocardial infarction
G30..11	Attack - heart
G30..12	Coronary thrombosis
G30..13	Cardiac rupture following myocardial infarction (MI)
G30..14	Heart attack
G30..15	MI - acute myocardial infarction
G30..16	Thrombosis - coronary
G30..17	Silent myocardial infarction
G300.00	Acute anterolateral infarction
G301.00	Other specified anterior myocardial infarction
G301000	Acute anteroapical infarction
G301100	Acute anteroseptal infarction
G301z00	Anterior myocardial infarction NOS
G302.00	Acute inferolateral infarction
G303.00	Acute inferoposterior infarction
G304.00	Posterior myocardial infarction NOS
G305.00	Lateral myocardial infarction NOS
G306.00	True posterior myocardial infarction
G307.00	Acute subendocardial infarction
G307000	Acute non-Q wave infarction
G307100	Acute non-ST segment elevation myocardial infarction
G308.00	Inferior myocardial infarction NOS
G309.00	Acute Q-wave infarct
G30B.00	Acute posterolateral myocardial infarction
G30X.00	Acute transmural myocardial infarction of unspecified site
G30X000	Acute ST segment elevation myocardial infarction
G30y.00	Other acute myocardial infarction
G30y100	Acute papillary muscle infarction
G30y200	Acute septal infarction
G30yz00	Other acute myocardial infarction NOS
G30z.00	Acute myocardial infarction NOS
G310.00	Postmyocardial infarction syndrome
G311000	Myocardial infarction aborted
G311011	MI - myocardial infarction aborted
G311500	Acute coronary syndrome
G35..00	Subsequent myocardial infarction
G350.00	Subsequent myocardial infarction of anterior wall
G351.00	Subsequent myocardial infarction of inferior wall

G353.00 Subsequent myocardial infarction of other sites  
 G35X.00 Subsequent myocardial infarction of unspecified site  
 G360.00 Haemopericardium/current comp follow acute myocardial infarction  
 G361.00 Atrial septal defect/current comp follow acute myocardial infarction  
 G362.00 Ventric septal defect/current comp follow acute myocardial infarction  
 G363.00 Ruptur cardiac wall w'out haemopericard/cur comp fol ac MI  
 G364.00 Ruptur chordae tendinae/curr comp fol acute myocard infarct  
 G365.00 Rupture papillary muscle/curr comp fol acute myocard infarct  
 G366.00 Thrombosis atrium  
 G38..00 Postoperative myocardial infarction  
 G380.00 Postoperative transmural myocardial infarction anterior wall  
 G381.00 Postoperative transmural myocardial infarction inferior wall  
 G383.00 Postoperative transmural myocardial infarction unspec site  
 G384.00 Postoperative subendocardial myocardial infarction  
 G38z.00 Postoperative myocardial infarction, unspecified  
 G574011 Cardiac arrest-ventricular fibrillation  
 G575.00 Cardiac arrest  
 G575.11 Cardio-respiratory arrest  
 G575.12 Asystole  
 G575000 Cardiac arrest with successful resuscitation  
 G575100 Sudden cardiac death, so described  
 G575z00 Cardiac arrest, unspecified  
 Gyu3400 [X]Acute transmural myocardial infarction of unspecif site  
 Gyu3600 [X]Subsequent myocardial infarction of unspecified site

#### Secondary care (ICD codes)

I21 Acute myocardial infarction  
 I22 Subsequent myocardial infarction  
 I23 Certain current complications following acute myocardial infarction

#### (b) Stroke

##### Primary care (Read codes)

readcode	readterm
G61..00	Intracerebral haemorrhage
G61..11	CVA - cerebrovascular accid due to intracerebral haemorrhage
G61..12	Stroke due to intracerebral haemorrhage
G610.00	Cortical haemorrhage
G611.00	Internal capsule haemorrhage
G612.00	Basal nucleus haemorrhage
G613.00	Cerebellar haemorrhage
G614.00	Pontine haemorrhage
G615.00	Bulbar haemorrhage
G616.00	External capsule haemorrhage
G617.00	Intracerebral haemorrhage, intraventricular

G618.00 Intracerebral haemorrhage, multiple localized  
G61X.00 Intracerebral haemorrhage in hemisphere, unspecified  
G61X000 Left sided intracerebral haemorrhage, unspecified  
G61X100 Right sided intracerebral haemorrhage, unspecified  
G61z.00 Intracerebral haemorrhage NOS  
G63y000 Cerebral infarct due to thrombosis of precerebral arteries  
G63y100 Cerebral infarction due to embolism of precerebral arteries  
G64..00 Cerebral arterial occlusion  
G64..11 CVA - cerebral artery occlusion  
G64..12 Infarction - cerebral  
G64..13 Stroke due to cerebral arterial occlusion  
G640.00 Cerebral thrombosis  
G640000 Cerebral infarction due to thrombosis of cerebral arteries  
G641.00 Cerebral embolism  
G641.11 Cerebral embolus  
G641000 Cerebral infarction due to embolism of cerebral arteries  
G64z.00 Cerebral infarction NOS  
G64z.11 Brainstem infarction NOS  
G64z.12 Cerebellar infarction  
G64z000 Brainstem infarction  
G64z100 Wallenberg syndrome  
G64z111 Lateral medullary syndrome  
G64z200 Left sided cerebral infarction  
G64z300 Right sided cerebral infarction  
G64z400 Infarction of basal ganglia  
G66..00 Stroke and cerebrovascular accident unspecified  
G66..11 CVA unspecified  
G66..12 Stroke unspecified  
G66..13 CVA - Cerebrovascular accident unspecified  
G660.00 Middle cerebral artery syndrome  
G661.00 Anterior cerebral artery syndrome  
G662.00 Posterior cerebral artery syndrome  
G663.00 Brain stem stroke syndrome  
G664.00 Cerebellar stroke syndrome  
G665.00 Pure motor lacunar syndrome  
G666.00 Pure sensory lacunar syndrome  
G667.00 Left sided CVA  
G668.00 Right sided CVA  
G669.00 Cerebral palsy, not congenital or infantile, acute  
G676000 Cereb infarct due cerebral venous thrombosis, nonpyogenic  
G6W..00 Cereb infarct due unsp occlus/stenos precerebr arteries  
G6X..00 Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artr  
Gyu6300 [X]Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artr  
Gyu6400 [X]Other cerebral infarction  
Gyu6500 [X]Occlusion and stenosis of other precerebral arteries  
Gyu6600 [X]Occlusion and stenosis of other cerebral arteries

Gyu6F00 [X]Intracerebral haemorrhage in hemisphere, unspecified  
Gyu6G00 [X]Cereb infarct due unsp occlus/stenos precerebr arteries

Secondary care (ICD codes)

161 Intracerebral haemorrhage  
163 Cerebral infarction  
164 Stroke, not specified as haemorrhage or infarction

(c) Cardiovascular death

Any death where the underlying cause was coded as Diseases of the circulatory system (ICD code starting in "I").