atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris (I25.7-)
postinfarction angina (I23.7)

Section I.C.9.b. ICD-10-CM has combination codes for atherosclerotic heart disease with angina pectoris. The subcategories for these codes are I25.11, Atherosclerotic heart disease of native coronary artery with angina pectoris and I25.7, Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris.
When using one of these combination codes it is not necessary to use an additional code for angina pectoris. A causal relationship can be assumed in a patient with both atherosclerosis and angina pectoris, unless the documentation indicates the angina is due to something other than the atherosclerosis. If a patient with coronary artery disease is admitted due to an acute myocardial infarction (AMI), the AMI should be sequenced before the coronary artery disease.

Coding Tips: Do not assign a code from I20.- for a patient who also has coronary artery disease (CAD)/atherosclerotic heart disease (ASHD). Angina in a patient with CAD/ASHD should be coded to the appropriate I25.11-code.

SP SD + 120.0 Unstable angina
Accelerated angina
Crescendo angina
De novo effort angina
Intermediate coronary syndrome
Preinfarction syndrome
Worsening effort angina

Coding Tips: Unstable angina is also known as angina at rest.

SP SD + 120.1 Angina pectoris with documented spasm
Angiospastic angina
Prinzmetal angina
Spasm-induced angina
Variant angina

SP SD + 120.8 Other forms of angina pectoris
Angina equivalent
Angina of effort
Coronary slow flow syndrome
Stenocardia
Stable angina

Use additional code(s) for symptoms associated with angina equivalent

SP SD + 120.9 Angina pectoris, unspecified
Angina NOS
Anginal syndrome
Cardiac angina
Ischemic chest pain

+ 121 Acute myocardial infarction

ICD-10 Code
I21

Acute myocardial infarction

Includes
Cardiac infarction
coronary (artery) embolism
coronary (artery) occlusion
coronary (artery) rupture
coronary (artery) thrombosis
infarction of heart,
myocardium, or ventricle
myocardial infarction specified
as acute or with a stated
duration of 4 weeks (28 days)

Use additional code, if applicable, to identify:

Exposures to environmental tobacco smoke (Z77.22)
history of tobacco dependence (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facility (Z92.82)
tobacco dependence (F17.-)
tobacco use (Z72.0)

Excludes
old myocardial infarction (I25.2)
postmyocardial infarction syndrome (I24.1)
subsequent type 1 myocardial infarction (I22.-)

Guidelines

Section I.C.9.e.4)
If a subsequent myocardial infarction of one type occurs within 4 weeks of a myocardial infarction of a different type, assign the appropriate codes from category I21 to identify each type. Do not assign a code from I22. Codes from category I22 should only be assigned if both the initial and subsequent myocardial infarctions are type 1 or unspecified.
Chapter 9: Diseases of the circulatory system

I21.0 ST elevation (STEMI) myocardial infarction of anterior wall
Type 1 ST elevation myocardial infarction of anterior wall

I21.01 ST elevation (STEMI) myocardial infarction involving left main coronary artery

I21.02 ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
ST elevation (STEMI) myocardial infarction involving diagonal coronary artery

I21.09 ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
Acute transmural myocardial infarction of anterior wall
Anteroapical transmural (Q wave) infarction (acute)
Anteroapical transmural (Q wave) infarction (acute)
Anteroseptal transmural (Q wave) infarction (acute)
Transmural (Q wave) infarction (acute)
of anterior (wall) NOS

I21.1 ST elevation (STEMI) myocardial infarction of inferior wall
Type 1 ST elevation myocardial infarction of inferior wall

I21.11 ST elevation (STEMI) myocardial infarction involving right coronary artery
Infarctoposterior transmural (Q wave) infarction (acute)

I21.19 ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
Acute transmural myocardial infarction of inferior wall

I21.2 ST elevation (STEMI) myocardial infarction of other sites
Type 1 ST elevation myocardial infarction of other sites

I21.21 ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
ST elevation (STEMI) myocardial infarction involving oblique marginal coronary artery

I21.29 ST elevation (STEMI) myocardial infarction involving other sites
Acute transmural myocardial infarction of other sites
Apical-lateral transmural (Q wave) infarction (acute)
Basal-lateral transmural (Q wave) infarction (acute)
High lateral transmural (Q wave) infarction (acute)
Lateral (wall) NOS transmural (Q wave) infarction (acute)
Posterior (true) transmural (Q wave) infarction (acute)
Posterobasal transmural (Q wave) infarction (acute)
Posterolateral transmural (Q wave) infarction (acute)
Posteroseptal transmural (Q wave) infarction (acute)
Sternal transmural (Q wave) infarction (acute) NOS

I21.3 ST elevation (STEMI) myocardial infarction of unspecified site
Acute transmural myocardial infarction of unspecified site
Transmural (Q wave) myocardial infarction NOS
Type 1 ST elevation myocardial infarction of unspecified site

I21.4 Non-ST elevation (NSTEMI) myocardial infarction
Acute subendocardial myocardial infarction
Non-Q wave myocardial infarction NOS
Nontransmural myocardial infarction NOS
Type 1 non-ST elevation myocardial infarction
Section I.C.9.e.1) Code I21.4, Non-ST elevation (NSTEMI) myocardial infarction, is used for type 1 non ST elevation myocardial infarction (NSTEMI) and nontransmural MIs.

Section I.C.9.e.2) Code I21.9, Acute myocardial infarction, unspecified, is the default for unspecified acute myocardial infarction or unspecified type. If only type 1 STEMI or transmural MI without the site is documented, assign code I21.3, ST elevation (STEMI) myocardial infarction of unspecified site.

This code is used for the initial MI when the physician has not documented the type or location of the infarct.

Section I.C.9.e.3) If an AMI is documented as nontransmural or subendocardial, but the site is provided, it is still coded as a subendocardial AMI.

Section I.C.9.e.5) The ICD-10-CM provides codes for different types of myocardial infarction. Type 1 myocardial infarctions are assigned to codes I21.0-I21.4, and I21.9.

Type 2 myocardial infarction, and myocardial infarction due to demand ischemia or secondary to ischemic balance, is assigned to code I21.A1. Myocardial infarction type 2 with a code for the underlying cause. Do not assign code I24.8, Other forms of acute ischemic heart disease for the demand ischemia. Sequencing of type 2 AMI or the underlying cause is dependent on the circumstances of admission. When a type 2 AMI code is described as NSTEMI or STEMI, only assign code I21.A1. Codes I21.01-I21.4 should only be assigned for type 1 AMIs.

Acute myocardial infarctions type 3, 4a, 4b, 4c and 5 are assigned to code I21.A9, Other myocardial infarction type. The "Code also" and "Code first" notes should be followed related to complications, and for coding of postprocedural myocardial infarctions during or following cardiac surgery.

When the physician documents Type 2 MI, assign I21.A1, even if the physician documents STEMI or NSTEMI. Type 2 MIs are not due to atherosclerotic plaque, but to a problem with supply and demand of oxygen. The documented cause of the problem should be coded first.

I22 Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction