Angina pectoris is a type of chest pain caused by reduced blood flow to the heart, occurring when the heart works harder and needs more oxygen during exertion.

- A symptom of coronary artery disease (CAD) – the heart arteries can become narrowed by fatty deposits called plaques or atherosclerosis
- Described as squeezing, pressure, heaviness, tightness or pain in the chest
- Can be a new pain or recurring pain that goes away with treatment

**Stable angina**
- Occurs during exertion
- Usually predictable
- Duration is short (5 min or less)
- Resolves with rest or medication

**Triggers:** physical activity, stress, cold, heavy meals, smoking

**Unstable angina**
- May occur at rest
- More severe and lasts longer
- May not resolve with rest or medication
- May signal heart attack (medical emergency)

**Triggers:** fatty deposits rupture or a blood clot forms, reducing blood flow

**Symptoms of angina versus heart attack**

<table>
<thead>
<tr>
<th>Angina Pectoris</th>
<th>Heart Attack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dizziness</td>
<td>Pressure, fullness or a squeezing pain in the center of the chest that lasts for more than a few minutes</td>
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<tr>
<td>Fatigue</td>
<td>Pain extending beyond the chest to the shoulder, arm, back, or even to the teeth and jaw</td>
</tr>
<tr>
<td>Nausea</td>
<td>Increasing episodes of chest pain</td>
</tr>
<tr>
<td>Shortness of breath</td>
<td>Nausea and vomiting</td>
</tr>
<tr>
<td>Sweating</td>
<td>Shortness of breath</td>
</tr>
<tr>
<td>Relief upon rest</td>
<td>Prolonged pain in the upper abdomen</td>
</tr>
<tr>
<td>Consistency in level of pain or tightness</td>
<td>Impending sense of doom</td>
</tr>
</tbody>
</table>
Coding angina pectoris

Angina pectoris is coded from category I2Ø. Codes in this category that represent angina pectoris are as follows:

**I2Ø Angina pectoris**

Use an additional code to identify:
- exposure to environmental tobacco smoke (Z77.22)
- history of tobacco dependence (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17. -)
- tobacco use (Z72.Ø)

Excludes 1
- Angina pectoris with atherosclerotic heart disease of native coronary arteries (I25.1)
- Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris (I25.7)
- Postinfarction angina (I23.7)

**I2Ø.Ø Unstable angina**
- Accelerated angina
- Crescendo angina
- De novo effort angina
- Intermediate coronary syndrome
- Preinfarction syndrome
- Worsening effort angina

**I2Ø.1 Angina pectoris with documented spasm**
- Angiospastic angina
- Prinzmetal angina
- Spasm-induced angina
- Variant angina

**I2Ø.8 Other forms of angina pectoris**
- Angina equivalent
- Angina of effort
- Coronary slow flow syndrome
- Stable angina
- Stenocardia

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

**I2Ø.9 Angina pectoris, unspecified**
- Angina NOS
- Anginal syndrome
- Cardiac angina
- Ischemic chest pain

Related condition categories

**I25 Chronic Ischemic Heart Disease**
- Atherosclerotic heart disease of native coronary artery (I25.1-)
- Atherosclerotic heart disease of native coronary artery without angina pectoris (I25.1Ø)
- Atherosclerotic heart disease of native coronary artery with unstable angina pectoris (I25.11Ø)
- Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm (I25.111)
- Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris (I25.118)
- Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris (I25.119)

**I25.7- Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris**
- Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris (I25.7Ø)
- Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris (I25.71-)
- Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris (I25.72-)
- Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris (I25.73-)
- Atherosclerosis of native coronary artery of transplanted heart with angina pectoris (I25.75-)
- Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris (I25.76-)
- Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris (I25.79-)

Code sequencing

- Code I2Ø.Ø is designated as the principal diagnosis only when the underlying condition is not identified and there is no surgical intervention.
- A patient admitted to the hospital for treatment of stable angina for the purpose of undergoing diagnostic studies to determine its underlying cause would sequence the combination code (I25.1-) for angina with atherosclerotic heart disease (ASHD) as the principal diagnosis when the ASHD is the underlying cause.
- Patients with severe coronary arteriosclerosis and unstable angina may be admitted for cardiac bypass surgery or a percutaneous transluminal coronary angioplasty to prevent further progression to infarction. In such cases, the combination code for coronary arteriosclerosis with unstable angina (I25.11Ø) is assigned as the principal diagnosis.