Essential (primary) hypertension

I10 Essential (primary) hypertension

Additional coding information for hypertensive heart disease:
• Includes any condition in I50.- or I51.4-I51.9 due to hypertension

Assign a code from this category when a causal relationship is stated or implied in a paper record (e.g. “due to hypertension” or “hypertensive”) or when the causal relationship is determined when coding in an electronic medical record. Use an additional code from category I50, Heart failure, to identify the type of heart failure in those patients with heart failure. The same heart conditions (I50.-, I51.4-I51.9) with hypertension, but without a stated or determined causal relationship, are coded separately.

I50.1 Left ventricular heart failure
I50.2 Systolic (congestive) heart failure (requires 5th character below)
I50.20 Unspecified systolic (congestive) heart failure
I50.21 Acute systolic (congestive) heart failure
I50.22 Chronic systolic (congestive) heart failure
I50.23 Acute on chronic systolic (congestive) heart failure
I50.3 Diastolic (congestive) heart failure (requires 5th character below)
I50.31 Acute diastolic (congestive) heart failure
I50.30 Unspecified diastolic (congestive) heart failure
I50.4 Combined systolic (congestive) and diastolic (congestive) heart failure (requires 5th character below)
I50.40 Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
I50.41 Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42 Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43 Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.9 Heart failure, unspecified

Hypertensive chronic kidney disease (CKD)

I12.0 Hypertensive CKD with stage 5 CKD or end stage renal disease
I12.9 Hypertensive CKD with stage 1 through stage 4 CKD, or unspecified CKD

*Tobacco dependence should be coded to the highest degree of specificity (for example, Nicotine dependence, unspecified, Nicotine dependence, cigarettes, Nicotine dependence, chewing tobacco or Nicotine dependence, other tobacco product.)
### Additional coding information for hypertensive CKD:

Assign codes from category I12, Hypertensive chronic kidney disease, when both hypertension and a condition classifiable to category N18, Chronic kidney disease (CKD), are present. Unlike hypertension with heart disease, ICD-10-CM presumes a cause-and-effect relationship and classifies chronic kidney disease with hypertension as hypertensive chronic kidney disease. The appropriate code from category N18 should be used as a secondary code with a code from category I12 to identify the stage of chronic kidney disease.

If a patient has hypertensive chronic kidney disease and acute renal failure, an additional code for the acute renal failure is required.

<table>
<thead>
<tr>
<th>Use an additional code to identify the stage of CKD (N18.1-N18.9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N18.1 CKD, Stage 1</td>
<td>N18.4 CKD, Stage 4 (severe)</td>
</tr>
<tr>
<td>N18.2 CKD, Stage 2 (mild)</td>
<td>N18.5 CKD, Stage 5</td>
</tr>
<tr>
<td>N18.3 CKD, Stage 3 (moderate)</td>
<td>N18.6 ESRD</td>
</tr>
</tbody>
</table>

*Use an additional code to specify: “Dialysis status” (Z99.2)  “Noncompliance w/ dialysis” (Z91.15)  “Kidney transplant status” (Z94.0)*

### Hypertensive heart and CKD

**I13.0** Hypertensive heart and CKD with heart failure and stage 1 through stage 4 CKD, or unspecified CKD

**I13.10** Hypertensive heart and CKD without heart failure, with stage 1 through stage 4 CKD, or unspecified CKD

**I13.11** Hypertensive heart and CKD without heart failure, with stage 5 CKD, or end stage renal disease

**I13.2** Hypertensive heart and CKD with heart failure and with stage 5 CKD, or end stage renal disease

### Additional coding information for hypertensive heart & CKD:

The codes in category I13, Hypertensive heart and chronic kidney disease, are combination codes that include hypertension, heart disease and chronic kidney disease. The includes note at I13 specifies that the conditions included at I11 and I12 are included together in I13. If a patient has hypertension, heart disease and chronic kidney disease then a code from I13 should be used, not individual codes for hypertension, heart disease and chronic kidney disease, or codes from I11 or I12.

For patients with both acute renal failure and chronic kidney disease an additional code for acute renal failure is required.

<table>
<thead>
<tr>
<th>Use an additional code to identify the type of heart failure (I50.1-I50.9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
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<td>I50.3- Diastolic (congestive) heart failure (requires 5th character below)</td>
</tr>
<tr>
<td>I50.2- Systolic (congestive) heart failure (requires 5th character below)</td>
<td>I50.30 Unspecified diastolic (congestive) heart failure</td>
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<td>I50.20 Unspecified systolic (congestive) heart failure</td>
<td>I50.31 Acute diastolic (congestive) heart failure</td>
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<td>I50.21 Acute systolic (congestive) heart failure</td>
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<td>I50.33 Acute on chronic diastolic (congestive) heart failure</td>
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### Additional coding information:

- Use an additional code to identify the stage of CKD (N18.1-N18.9)

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</tbody>
</table>

*Use an additional code to specify: “Dialysis status” (Z99.2)  “Noncompliance w/ dialysis” (Z91.15)  “Kidney transplant status” (Z94.0)*

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Per the ICD-10-CM Official Guidelines for Coding and Reporting FY 2016: “A dash (-) at the end of an Alphabetic Index entry indicates that additional characters are required. Even if a dash is not included at the Alphabetic Index entry, it is necessary to refer to the Tabular List to verify that no 7th character is required.” Thus the bolding of ICD-10-CM codes represents only those fully reportable codes, not categories or subcategories, that map to the 2017 CMS-HCC risk adjustment model for Payment Year 2017. Please refer to ICD-10-CM Mappings for all codes that map to risk in this model: https://www.cms.gov/Medicare/Health-Plans/MedicareAdvSpecRateStats/Risk-Adjustors.html. Please refer to 2017 Announcement for risk scores, disease interactions and hierarchy (pp 78-87): https://www.cms.gov/Medicare/Health-Plans/MedicareAdvSpecRateStats/Announcements-and-Documents.html


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