

Hypertensive Heart and Chronic Kidney Disease

It is important to accurately document and code hypertensive heart and chronic kidney disease (CKD).

- ▶ Hypertensive heart disease is the most common cause of illness and death resulting from high blood pressure.
- ▶ When hypertension is uncontrolled, it can eventually cause changes to the heart. These changes may also result in hypertrophy of the left ventricle, which can progress to heart failure.
- ▶ Hypertension is one of the most common causes of CKD.

Documentation

- ▶ The category (**I13-**) reports heart AND kidney disease due to complications of hypertension.
- ▶ According to ICD-10-CM guidelines, there is a presumed “causal relationship between hypertension heart involvement and between hypertension and kidney involvement. These conditions should be coded as related even in the absence of physician documentation explicitly linking them, unless the documentation clearly states the conditions are unrelated.”

Hypertensive Heart and Chronic Kidney Disease *With Heart Failure*

Coding Tips

- ▶ When coding hypertensive heart and chronic kidney disease with heart failure, code **I13.- plus** the specific heart failure and CKD codes.
- ▶ **Example:**
Mrs. Smith has stage 4 CKD with chronic combined systolic and diastolic heart failure. The record is coded as: **I13.0**, **N18.4** and **I50.42**.

Hypertensive Heart and Chronic Kidney Disease with Heart Failure: I13.-

Description	Code
Hypertensive heart and CKD with heart failure and stage 1-4 CKD, or unspecified CKD	I13.0
Hypertensive heart and CKD with heart failure, with stage 5 CKD or end-stage renal disease	I13.2

Hypertensive Heart and Chronic Kidney Disease *Without Heart Failure*

Coding Tips

- ▶ When coding Hypertensive CKD and heart disease without heart failure, code **I13.- plus** the specific CKD code.
- ▶ Codes **I51.4-I51.7**, **I51.89** and **I51.9** are included in the combination code of **I13.10** and **I13.11**. No additional code from this range is needed when hypertensive heart disease without heart failure is documented.
- ▶ **Example:**
Mr. Williams has hypertension, myocarditis and CKD stage 5. The record is coded as: **I13.11** and **N18.5**.

Hypertensive Heart and Chronic Kidney Disease Without Heart Failure: I13.1-

Description	Code
Hypertensive heart and CKD without heart failure, with stages 1–4 CKD, or unspecified CKD	I13.10
Hypertensive heart and CKD without heart failure, with stage 5 CKD or end-stage renal disease	I13.11

Additional Coding Guidance

Heart Failure: I50.-

Description	Code
Left ventricular failure, unspecified	I50.1
Systolic (congestive) heart failure	I50.2-
Diastolic (congestive) heart failure	I50.3-
Combined systolic (congestive) and diastolic (congestive) heart failure	I50.4-
Other heart failure	I50.8-
Heart failure, unspecified	I50.9

Chronic Kidney Disease (CKD): N18

Description	Code
Chronic Kidney Disease, stage 1	N18.1
Chronic Kidney Disease, stage 2	N18.2
Chronic Kidney Disease, stage 3 unspecified	N18.30
Chronic Kidney Disease, stage 3a	N18.31
Chronic Kidney Disease, stage 3b	N18.32
Chronic Kidney Disease, stage 4	N18.4
Chronic Kidney Disease, stage 5	N18.5
End Stage Renal Disease	N18.6
Chronic Kidney Disease, unspecified	N18.9

Complications and Ill-Defined Descriptions of Heart Disease: I51.-

Description	Code
Myocarditis, unspecified	I51.4
Myocardial degeneration	I51.5
Cardiomegaly	I51.7
Other ill-defined heart diseases	I51.89
Heart disease, unspecified	I51.9

*Dash represents more codes in the stated code range.



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ICD-10 is the 10th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD), a medical classification list by the World Health Organization (WHO).