**Hypertension**

**HYPERTENSION WITH HEART DISEASE**
- Heart conditions classified to I50.- or I51.4-I51.9, are assigned to a code from category I11, Hypertensive heart disease, when a causal relationship is stated (due to hypertension) or implied (hypertensive).
- 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 causal relationship, are coded separately.
- Sequence according to the circumstances of the admission/encounter.

**HYPERTENSIVE CHRONIC KIDNEY DISEASE**
- 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.

**HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE**
- Assign codes from combination category I13, Hypertensive heart and chronic kidney disease, when both hypertensive kidney disease and hypertensive heart disease are stated in the diagnosis.
- Assume a relationship between the hypertension and the chronic kidney disease, whether or not the condition is so designated.
- If heart failure is present, assign an additional code from category I50 to identify the type of heart failure.
- The appropriate code from N18, Chronic kidney disease, should be used as a secondary code with a code from category I13 to identify the stage of chronic kidney disease.
- 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.

**HYPERTENSIVE CEREBROVASCULAR DISEASE**
- For hypertensive cerebrovascular disease, first assign the appropriate code from categories I60-I69, followed by the appropriate hypertension code.
HYPERTENSIVE RETINOPATHY
• Subcategory H35.0, Background retinopathy and retinal vascular changes, should be used with a code from category I10-I15, Hypertensive disease to include the systemic hypertension.
• Sequencing is based on the reason for admission/encounter.

HYPERTENSION, SECONDARY
• Secondary hypertension is due to an underlying condition.
• Two codes are required:
  o one to identify the underlying etiology
  o one from category I15 to identify the hypertension.
• Sequencing of codes is determined by the reason for admission/encounter.

HYPERTENSION, TRANSIENT
• Assign code R03.0, Elevated blood pressure reading without diagnosis of hypertension, unless patient has an established diagnosis of hypertension.
• Assign code O13.-, Gestational [pregnancy-induced] hypertension without significant proteinuria, or O14.-, Pre-eclampsia, for transient hypertension of pregnancy.

HYPERTENSION, CONTROLLED
• This diagnostic statement usually refers to an existing state of hypertension under control by therapy.
• Assign the appropriate code from categories I10-I15, Hypertensive diseases.

HYPERTENSION, UNCONTROLLED
• Uncontrolled hypertension may referred to untreated hypertension or hypertension not responding to current therapeutic regimen.
• In either case, assign the appropriate code from categories I10-I15, Hypertensive Diseases.