

Risk Coding Tips and Tools

Chronic Kidney Disease

Causal Relationship

Please document any causal relationship that may exist between Chronic Kidney Disease and other chronic conditions such as - Diabetes Mellitus, Hypertension, Glomerulonephritis, Recurrent Kidney Infection, etc. These causal relationships should be linked with verbiage such as: (*Due to*), (*Associated with*), or (*In*)

Encounter Documentation

Document any lab values reviewed and their significance. Document the presence of any current symptoms related to CKD such as:

- Changes in urine output
- Edema
- Weight loss
- Nausea and/or Vomiting
- Dry, itchy skin

Assessment / Plan

Document the specific **stage** of Chronic Kidney Disease. **Remember** that medical coders are not allowed to calculate the stage of CKD based on documentation of the GFR; the specific stage must be stated in the medical record. Document a concise treatment plan including; Medications, Dietary or Lifestyle change recommendations, or referrals made.

Transplant Status / Dialysis

Use an additional code to identify kidney transplant status or dependence on dialysis, if applicable.

Reference: <https://www.mayoclinic.org/diseases-conditions/chronic-kidney-disease/symptoms-causes/>

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Stages of Chronic Kidney Disease

The ICD-10-CM classifies CKD based on severity. The severity of CKD is designated by stages 1-5. Stage 2, code N18.2, equates to mild CKD. Stage 3, codes **N18.30-N18.32**, equate to moderate CKD. Stage 4, code N18.4, equates to severe CKD. Code N18.6 equates to end stage renal disease (ESRD).

Chronic Kidney Disease / Acute Kidney Disease	ICD-10 Codes
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
Acute Kidney Failure	N17.9

Other Diagnosis

Physician Documentation Example	ICD-10 Codes
Anemia in chronic kidney disease	D63.1
Secondary Hyperparathyroidism of renal origin	N25.81
Chronic Gout due to renal impairment, unsp site, w/o tophus	M1A.30X0
Chronic Gout due to renal impairment, unsp site, with tophus	M1A.30X1

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Renal Transplant / Dialysis

Patients who have undergone kidney transplant may still have chronic kidney disease because the kidney transplant may not fully restore kidney function. Therefore, the presence of CKD alone does not constitute a transplant complication. Assign the appropriate N18 code for the patient's stage of CKD and code Z94.0, Kidney Transplant Status. If a transplant complication, such as failure or rejection or other transplant complication is documented, see section I.C.19.g for information on coding complications of a kidney transplant.

Kidney Transplant / Dialysis	ICD-10 Codes
Kidney Transplant Status	Z94.0
Dependence of Renal Dialysis / presence of AV shunt	Z99.2
Patient's noncompliance with renal dialysis	Z91.15

Chronic Kidney Disease with other condition

Patients with CKD may also suffer from other serious conditions, most commonly diabetes mellitus and hypertension. The sequencing of the CKD code in relationship to code for other contributing conditions is based on the conventions in the Tabular List. See I.C.9. Hypertensive chronic kidney disease
See I.C.19. Chronic kidney disease and kidney transplant complications

Hypertensive Chronic Kidney Disease	ICD-10 Codes
Hypertensive chronic kidney disease with stage 1 through stage 4 CKD, or unspecified chronic kidney disease	I12.9
Hypertensive chronic kidney disease with stage 5 CKD or end stage renal disease	I12.0
Type 2 diabetes mellitus with chronic kidney disease	E11.22

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