

Chronic Kidney Disease Reporting

ICD-9-CM coding for Chronic Renal Failure, Category 585, changed in 2006.¹ The Renal Physicians Association along with the National Kidney Foundation promoted code Category 585 being renamed and expanded to reflect the new clinical practice standards for treating Chronic Kidney Disease (CKD).

Chronic Kidney Disease is defined as either kidney damage* or GFR < 60 mL/min/1.73 m² for ≥ 3 months.²

**Kidney damage is defined as pathologic abnormalities or markers of damage, including abnormalities in blood or urine tests or imaging studies.²*

Staging Chronic Kidney Disease³

Note: All stages need to be chronic, not a one time event.

Stage	Severity	GFR Value	ICD-9 Codes
Stage I		GFR ≥ 90 mL/min/1.73 m ² with kidney damage	585.1
Stage II	Mild	GFR 60-89 mL/min/1.73 m ² with kidney damage	585.2
Stage III	Moderate	GFR 30-59 mL/min/1.73 m ²	585.3
Stage IV	Severe	GFR 15-29 mL/min/1.73 m ²	585.4
Stage V	Kidney Failure	GFR < 15 mL/min/1.73 m ²	585.5
	ESRD	Requiring chronic dialysis or transplantation	585.6
CKD Unsp.		Chronic Kidney Disease, unspecified	585.9

ICD-9-CM instructs the coder to use an additional code to identify kidney transplant status if applicable (V42.0). A kidney transplant may not fully restore kidney function, therefore, patients who have undergone a kidney transplant may still have some form of Chronic Kidney Disease.³ Code V42.0, Kidney replaced by transplant, may be assigned with the appropriate CKD code, based on the patient's post-transplant stage.

If a patient is on renal dialysis or if an arterial-venous shunt is present, code also V45.11.⁴

Patients that have had a kidney transplant where documentation indicates the presence of failure or rejection, assign code 996.81 Complication of kidney transplant followed by a code to identify the nature of the complication.⁴

¹ <http://kidneynotes.blogspot.com/2005/10/chronic-renal-failure-is-no-more-new.html>

² National Kidney Foundation, "KDOQI Clinical Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification." American Journal of Kidney Disease 39: 2002 supplement 1.

³ Ingenix, Coders' Desk Reference For Diagnoses. 2010. Alexandria, VA: Ingenix, 2009.

⁴ World Health Organization, Professional: ICD-9-CM for Physicians-Volumes 1&2. 2010. Alexandria, VA: Ingenix, 2009.