

Appendix 1: Codes used to define ambulatory care sensitive conditions related to chronic kidney disease

Ambulatory care sensitive condition	ICD-9-CM	ICD-10-CA
Diabetes with ketoacidosis	250.1	E11.10
		E10.10
		E11.12
		E10.12
Diabetes with hyperosmolarity	250.2	E11.00 + E87
		E10.00 + E87
Volume overload	276.6	E87.7
Hyperkalemia	276.7	E87.5
Malignant hypertension	401.0	I10.1
	402.00	
	402.01	
	403.0	
	404.0	
	405.0	
Heart failure	428.x	I09.9
	398.91	I11.0,
	402.01	I13.0
	402.11	I13.2
	402.91	I25.5
	404.01	I42.0
	404.03	I42.5–I42.9
	404.11	I43.x
	404.13	I50.x
	404.91	
	404.93	
425.4–425.9		

Note: ICD-9-CM = the International Statistical Classification of Diseases, ninth revision, Clinical Modification; ICD-10-CA = The International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Canada.