

**SUPPLEMENTARY MATERIAL**

**Table S1. ICD-9-CM code for hyperkalemia-related comorbidities**

<b>Hyperkalemia-related comorbidities</b>	<b>ICD-9-CM codes</b>
Chronic kidney disease	
Stage 3	585.3
Stage 4	585.4
Stage 5 or end stage	403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
Stage 5	585.5
End stage	585.6
Unspecified	403.00, 403.10, 403.90, 404.00, 404.01, 404.10, 404.11, 404.90, 404.91, 585.9
Congestive heart failure	398.91, 402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93, 425.4–425.9, 428
Diabetes	250.00, 250.02, 250.10, 250.12, 250.20, 250.30, 250.32, 250.40, 250.42, 250.50, 250.52, 250.60, 250.62, 250.70, 250.72, 250.80, 250.82, 250.90, 250.92
Hypertension	401, 402, 403, 404, 405, 437.2, 642.0, 642.1, 642.2, 642.7, 642.9

**Abbreviation:** ICD-9-CM, International Classification of Diseases, 9<sup>th</sup> Revision, Clinical Modification.

**Table S2. Procedure codes for dialysis and hemodialysis**

<b>Procedure</b>	<b>CPT codes</b>	<b>HCPCS codes</b>	<b>ICD-9-CM procedure code</b>
<b>Dialysis</b>	90945	G0257	39.27
	90947	G0322	39.42
	90957	G0323	38.95
	90958	G0326	54.98
	90959	G0327	
	90960	S9339	
	90961		
	90962		
	90965		
	90966		
	90969		
	90970		
	90999		
	4055F		
<b>Hemodialysis</b>	4052F-4054F	S9335	39.95
	90935	G8081	
	90937	G8082	
	99512	G8085	
		G8714	
		G8715	
		G8956	
		G9264	
		G9265	
		G9266	

**Abbreviations:** CPT, Current Procedural Terminology; HCPCS, Healthcare Common Procedure Coding System;

ICD-9-CM, International Classification of Diseases, 9<sup>th</sup> Revision, Clinical Modification.