

Supplemental Table S1: Key Study Variables

Category	Variable	Variable Description
Dependent Variables	Cerebral infarction due to thrombosis, embolism, occlusion, and stenosis	Binary, indicating if encounter is identified with corresponding ICD-10/9 codes.
	Artery occlusion and stenosis resulting in cerebral Ischemia	
	Intraoperative and Postprocedural Infarction	
	Non-traumatic Intracranial hemorrhage	
Key Diagnoses of Interest	End-Stage Renal Disease Kidney Transplant Peripheral Vascular Disease	Binary, indicating if encounter is identified with corresponding ICD-10/9 codes
Comorbidity Index	Elixhauser	Standard comorbidity index which utilizes ICD diagnosis codes to sort patient morbidities (Elixhauser et al., 1998).
Sociodemographic Factors	Age	Age in years at admission
	Race	Race/Ethnicity of patient
	Primary Expected Payer	Medicare, Medicaid, Private insurance, Self-pay, No charge, Other
	Patient's ZIP Code	Quartile categorization based on annually collected demographic data.
	Patient Location: NCHS Urban-Rural Code	Six-category urban-rural classification for U.S. counties developed by the National Center for Health Statistics (Data Access - Urban Rural Classification Scheme for Counties, 2022).

Supplemental Table S1. Key Study Variables.

**Supplemental Table S2: ICD-10 and ICD-9 Descriptions**

<b>Diagnosis</b>	<b>ICD-10</b>	<b>ICD-9</b>
<b>End-Stage Renal Disease</b>	N18.6	585.6
<b>Kidney Transplant</b>	Z94.0, Z48.22	556.9, V42.0
<b>Peripheral Vascular Diseases</b>	I73.8 I73.89 I73.9	443.89
<b>Nontraumatic intracranial hemorrhage</b>	I60.0 I60.00 I60.01 I60.02 I60.1 I60.10 I60.11 I60.12 I60.2 I60.3 I60.30 I60.31 I60.32 I60.4 I60.5 I60.50 I60.51 I60.52 I60.6 I60.7 I60.8 I60.9 I61.0 I61.1 I61.2 I61.3 I61.4 I61.5 I61.6 I61.8 I61.9 I62.0 I62.00 I62.01 I62.02 I62.03 I62.1 I62.9	430 431 432.1 432.0 432.9
<b>Cerebral infarction due to thrombosis, embolism, occlusion, and stenosis</b>	I63.0 I63.00 I63.01 I63.011 I63.012 I63.013 I63.019 I63.02 I63.03 I63.031 I63.032 I63.033 I63.039 I63.09 I63.1 I63.10 I63.11 I63.111 I63.112 I63.113 I63.119 I63.12 I63.13 I63.131 I63.132 I63.133 I63.139 I63.19 I63.2 I63.20 I63.21 I63.211 I63.212 I63.213 I63.219 I63.23 I63.231 I63.232 I63.233 I63.239 I63.29	433.91 433.21 433.01 433.11 433.81 433.91
<b>Artery occlusion and stenosis resulting in cerebral ischemia</b>	I65.0 I65.01 I65.02 I65.03 I65.09 I65.1 I65.2 I65.21 I65.22 I65.23 I65.29 I65.8 I65.9	433.20 433.00 433.10 433.80 433.90

**Supplemental Table S2. Describes ICD-9 and ICD-10 codes which correspond to each condition used in the analysis.**