

Supplemental Table 1: ICD and CPT Codes			
	ICD-9-CM Diagnosis Codes	ICD-10-CM Diagnosis Codes	CPT Procedure Codes
Aneurysm	437.3	I67.1	61697, 61698, 61700, 61702, 61624
SAH	430	I60	
PTSD	309.81	F43.10, F43.11, F43.12	
Depression	296.2, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.3, 296.31, 296.32, 296.33, 296.34, 296.35, 311	F32, F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.8, F32.81, F32.89, F32.9, F33, F33.1, F33.2, F33.3, F33.4, F33.41, F33.42, F33.8, F33.9	
Generalized Anxiety Disorder/GAD	F41, F41.0, F41.1, F41.3, F41.8, F41.9	300, 300.01, 300.02, 300.09	
Other mood disorders	296.4, 296.41, 296.42, 296.43, 296.44, 296.45, 296.46, 296.5, 296.51, 296.52, 296.53, 296.54, 296.55, 296.56, 296.6, 296.61, 296.62, 296.63, 296.64, 296.65, 296.66, 296.7, 296.8, 296.81, 296.82, 296.89, 296.9, 296.99	: F34.0, F34.1, F34.8, F34.81, F34.89, F34.0, F31.0, F31.10, F31.11, F31.12, F31.13, F31.2, F31.30, F31.31, F31.32, F31.4, F31.5, F31.60, F31.61, F31.62, F31.63, F31.64, F31.70, F31.71, F31.72, F31.73, F31.74, F31.75, F31.76, F31.77, F31.78, F31.81, F31.89, F31.9	

Supplemental Table 2. Multivariable Model of Predictors of Aneurysm without Subarachnoid Hemorrhage		
Variable	OR (95% CI)	p-value
Female	1.74 (1.66-1.82)	<0.0001
Hypertension	1.47 (1.43-1.52)	<0.0001
Diabetes mellitus	0.96 (0.94-0.99)	0.003
Tobacco Use Disorder	1.25 (1.22-1.28)	<0.0001
Generalized Anxiety Disorder	1.11 (1.07-1.15)	<0.0001
Depression	1.24 (1.20-1.27)	<0.0001
Other mood disorders	1.15 (1.09-1.22)	<0.0001
Post-traumatic stress disorder	1.24 (1.18-1.31)	<0.0001

Supplemental Table 3. Multivariable Model of Predictors of Subarachnoid Hemorrhage		
Variable	OR (95% CI)	p-value
Female	1.77 (1.60-1.97)	<0.0001
Hypertension	1.65 (1.54-1.77)	<0.0001
Diabetes mellitus	0.81 (0.76-0.86)	<0.0001
Tobacco Use Disorder	1.49 (1.41-1.59)	<0.0001
Generalized Anxiety Disorder	1.03 (0.95-1.13)	0.47
Depression	1.34 (1.25-1.43)	<0.0001
Other mood disorders	1.14 (1.00-1.29)	0.05
Post-traumatic stress disorder	1.10 (0.97-1.24)	0.14