

**SUPPLEMENTAL MATERIAL**

<b>Supplemental Table 3. Descriptive Table of Patient Characteristics Stratified by SBP Levels (N=12,337)*</b>							
	SBP ≤ 105	105<SBP≤115	115<SBP≤130	130<SBP≤140	SBP>140	Total	P-value†
	Mean (SD) or (%)						
	3.6	10.3	34.9	27.4	23.7	100	
<b>Characteristic</b>							
<i>Sociodemographic</i>							
Age	69.7 (11.3)	69.0 (11.3)	68.3 (11.05)	69 (10.8)	70 (10.2)	69.05 (10.8)	<0.001
Sex, Male	95.1	94.4	95.4	95.4	95.5	95.3	0.62
Race							<0.001
White	78.4	73.0	71.8	69.5	66.3	70.2	
Black	17.8	21.1	23.1	25.3	28.1	24.5	
Asian	0.0	0.8	0.8	0.6	0.7	0.7	
Other	0.4	0.9	0.6	0.6	0.7	0.6	
Unknown	3.3	4.2	3.8	4.1	4.2	4.0	
Hispanic	8.9	8.4	8.3	7.0	6.3	7.5	0.008
<i>Index Cerebrovascular Event – Final Diagnosis</i>							0.54
Ischemic Stroke	63.6	61.1	63.3	64.5	65.7	64.0	
TIA	36.4	38.9	36.7	35.5	34.3	36.0	
FY of Presentation							0.75
FY2016	36.9	37.5	36.8	37.7	37.4	37.3	
FY2017	37.8	37.5	37.1	35.2	36.6	36.5	
FY2018	25.3	25.1	26.1	27.1	26.0	26.2	
<i>Healthcare Utilization</i>							
Number of Admissions in 1-Year prior to Presentation	0.43 (0.98)						
Number of ED Presentations in 1-Year prior to Presentation	1.5 (2.3)	1.0 (2.3)	1.25 (2.05)	1.0 (2.10)	1.0 (2.11)	1.25 (2.12)	0.001
Length of Hospitalization Stay (days)	5.0 (7.8)	4.0 (8.6)	5.0 (7.7)	4.0 (6.3)	4.0 (6.2)	3.9 (7.1)	<0.001
ED Presentation of Index Event	88.0	90.5	90.9	91.2	91.4	91.0	0.19
Hospital Admission of Index Event	84.9	83.0	83.2	84.0	83.4	83.5	0.80
<i>Past Medical History†</i>							
Ischemic stroke	60.2	54.5	56.0	56.4	58.4	56.7	.059
TIA	28.7	27.8	26.3	26.0	24.3	26.0	.079
Hemiplegia	36.4	34.7	34.6	33.4	34.5	34.3	.67
Hypertension	71.8	70.9	75.9	81.0	85.9	79.0	<.001

Hyperlipidemia	64.2	64.7	64.4	64.3	63.1	64.1	.77
Diabetes	41.1	42.0	41.0	42.3	47.3	43.0	<.001
Atrial fibrillation	21.8	17.9	14.5	11.9	12.5	13.9	<.001
Other arrhythmia	11.8	13.6	11.4	10.2	9.9	11.0	.003
CHF	20.4	18.8	12.5	9.3	9.7	11.9	<.001
MI	7.3	8.5	6.2	5.4	6.1	6.2	.003
CEA/carotid stent	2.0	0.9	0.8	0.7	0.9	0.9	0.097
PAD	17.3	14.9	12.1	11.9	12.4	12.6	.001
OSA	14.9	16.1	16.8	15.9	14.5	15.9	.11
Chronic Kidney Disease	15.6	15.2	13.8	14.8	18.7	15.4	<.001
Current smoker	37.3	36.5	33.7	32.9	31.1	33.3	.003
Alcohol dependence	10.4	11.0	10.0	9.5	9.0	9.7	.29
Dementia	14.7	9.3	6.7	6.8	6.6	7.3	<.001
Depression	29.3	26.8	23.3	21.5	19.7	22.5	<.001
<i>Additional Clinical Indicators</i>							
CCI	2.58 (2.40)	2.00 (2.31)	2.17 (2.18)	2.00 (2.17)	2.0 (2.25)	2.20 (2.22)	<0.001
Modified APACHE III Score	8.82 (6.42)	9.00 (6.58)	9.09 (6.26)	10.0 (6.11)	11.0 (6.44)	9.73 (6.36)	<0.001
<i>Concomitant illness within 1-day of Cerebrovascular Event Presentation</i>							
MI	3.1	3.1	2.3	2.4	2.9	2.6	0.360
CHF	2.7	2.3	1.5	1.2	1.5	1.6	0.037
* Abbreviations: Transient Ischemic Attack (TIA); standard deviation (SD); systolic blood pressure (SBP); fiscal year (FY); Emergency Department (ED); congestive heart failure (CHF); myocardial infarction (MI); carotid endarterectomy (CEA); peripheral arterial disease (PAD); obstructive sleep apnea (OSA); Charlson Comorbidity Index (CCI); Acute Physiology and Chronic Health Evaluation (APACHE); Veterans Affairs (VA).							
†Past Medical History variables identified by <i>International Classification of Diseases, 9<sup>th</sup> Edition</i> code.							