

**SUPPLEMENTARY TABLES:**

**Supplementary Table I.** January vs February 2020 stroke code patient comparison, selected variables

	<b>January (N=181)</b>	<b>February (N=167)</b>	<b>P-value</b>
ED Stroke Code Location	156 (86.7)	140 (83.8)	0.4562
EMS	103 (57.2)	102 (61.1)	0.4540
Stroke type			0.4383
ICH	13 (7.2)	9 (5.4)	
Ischemic stroke	69 (38.1)	65 (38.9)	
TIA	9 (5.0)	11 (6.6)	
SAH	0 (0.0)	3 (1.8)	
Non-stroke	90 (49.7)	79 (47.3)	
Age, median (IQR)	68.0 (56.0, 81.0)	71 (61, 81.0)	0.1060
Female sex	101 (56.4)	93 (55.7)	0.8904
Race/ethnicity			0.7362
White	127 (71.4)	122 (73.1)	
Black	36 (20.2)	28 (16.8)	
Hispanic	9 (5.1)	12 (7.2)	
Other	6 (3.4)	5 (3.0)	
New Haven residence	29 (16.0)	23 (13.8)	0.5565
Pre admission mRS 0-2	129 (86.0)	98 (88.3)	0.5871
NIHSS on admission, median (IQR)	3 (1-11)	4 (1-10)	0.5776
AP use before admission	74 (40.9)	69 (41.6)	0.8974
AC use before admission	29 (16.0)	33 (19.9)	0.3488
LSW to ED arrival time	259.0 (104.5-698.5)	217.0 (75.0, 732.0)	0.2809
tPA	12 (6.6)	9 (5.4)	0.6273
Door-to-needle	66.5 (50.5, 111.5)	57.0 (44.0, 75.0)	0.3554
thrombectomy	19 (10.5)	16 (9.6)	0.7764
TICI 2B +	16 (8.8)	8 (4.8)	0.1364
Door-to-revascularization, median (IQR)	104 (75.5, 150.0)	131.5 (81.0, 179.0)	0.3703

Data displayed as n(%) unless otherwise specified

ED = emergency department; EMS = emergency medical services; ICH = intracerebral hemorrhage; TIA = transient ischemic attack; SAH = subarachnoid hemorrhage; mRS = modified Rankin Scale; NIHSS = National Institutes of Health Stroke Scale; AP = antiplatelet; AC = anticoagulation; LSW = last seen well; tPA = recombinant tissue plasminogen activator; TICI = thrombolysis in cerebral infarction

**Supplementary Table II.** Linear regression models for aggregate outcome measures.

<b>Outcome Measure</b>	<b>Year</b>	<b>Y-intercept</b>	<b>Slope</b>	<b>P-value</b>	<b>R-squared</b>
Stroke Codes Called	2020*	70.81	-2.50	<b>&lt;0.0001</b>	0.7163
	Week 1 through 7, 2020*	68.14	-2.04	0.2217	0.2803
	Week 8 through 11, 2020*	171.60	-12.80	<b>0.0296</b>	0.9416
	Week 12 through 17, 2020*	40.30	-0.46	0.1168	0.4987
	2019	43.08	0.35	0.2973	0.0721
	2020	67.88	-2.60	<b>&lt;0.0001</b>	0.7085
ED Stroke Codes	2019	37.65	0.02	0.9437	0.0003
	2020	55.09	-2.07	<b>&lt;0.0001</b>	0.7000
Inpatient Stroke Codes	2019	5.72	0.28	0.0607	0.2054
	2020	12.79	-0.53	<b>0.0002</b>	0.6139
Telestroke Consultations**	2019	12.40	0.25	0.4091	0.0459
	2020	18.29	-0.24	0.4355	0.0410
Intravenous alteplase administered	2019	1.64	0.07	0.2320	0.0937
	2020	3.63	-0.13	0.1107	0.1608
Mechanical thrombectomies	2019	1.42	0.19	0.0963	0.1735
	2020	3.66	0.02	0.7701	0.0059
% Stroke Codes Receiving alteplase or mechanical thrombectomy	2019	7.75	0.41	0.1012	0.1689
	2020	10.44	0.41	0.1564	0.1381

\* YNHH, GH, LMH

\*\* YNHH

*The remainder of models were constructed using data from YNHH and GH*

Abbreviations: YNHH, Yale-New Haven Hospital; GH, Greenwich Hospital; LMH, Lawrence and Memorial Hospital, ED, emergency department

**Supplementary Table III.** Observed and Expected Stroke Codes After Week 6 in 2020 at YNHH

<b>Calendar Week in 2020</b>	<b>Observed Number of Stroke Codes</b>	<b>Observed/Expected* Stroke Codes (%)</b>
8	54	101.9
9	54	101.9
10	46	86.8
11	21	39.6
12	28	52.8
13	27	50.9
14	24	45.3
15	25	47.2
16	27	50.9
17	27	50.9

\* Expected number of stroke codes called = Median number of stroke code called from Week 1 through 7 in 2020 at YNHH (53 stroke codes called per week)

Abbreviations: YNHH, Yale-New Haven Hospital

**Supplementary Figure I.** Trends in stroke code activation by hospital, January-April 28, 2020. Arrowheads indicate weeks at which downtrends were visualized.

