

Supplementary Table 2: Baseline demographic and clinical characteristics

	Overall: April 1, 2012 to March 31, 2020; N (%)	Pre-test: April 1, 2012 to March 31, 2014; N (%)	Post-1: April 1, 2014 to March 31, 2016; N (%)	Post-2: April 1, 2016 to March 31, 2018; N (%)	Post-3: April 1, 2018 to March 31, 2020; N (%)	P-value	Data missing
Total admitted patients	103,591	24,976	26,755	27,046	24,814		0
Stroke patients (% of total)	2,771 (2.7)	632 (2.5)	642 (2.4)	716 (2.6)	781 (3.1)	<0.0001 <sup>a</sup>	0
Sex (male)	1,527 (55.1)	341 (54.0)	354 (55.1)	382 (53.4)	450 (57.6)	0.359	0
Age (years)							0
18-59	436 (15.7)	111 (17.6)	72 (11.2)	129 (18.0)	124 (15.9)	<0.01 <sup>b</sup>	
60-69	621 (22.4)	165 (26.1)	154 (24.0)	153 (21.4)	149 (19.1)	<0.05 <sup>c</sup>	
70-79	815 (29.4)	173 (27.4)	194 (30.2)	202 (28.2)	246 (31.5)	0.308	
80-89	715 (25.8)	150 (23.7)	179 (27.9)	184 (25.7)	202 (25.9)	0.413	
≥90	184 (6.6)	33 (5.2)	43 (6.7)	48 (6.7)	60 (7.7)	0.330	
Stroke subtype						0.056	0
Cerebral infarction	1,662 (60.0)	366 (57.9)	377 (58.7)	421 (58.8)	498 (63.8)		
Cerebral hemorrhage	830 (30.0)	187 (29.6)	196 (30.5)	232 (32.4)	215 (27.5)		
Non-traumatic subarachnoid hemorrhage	279 (10.1)	79 (12.5)	69 (10.7)	63 (8.8)	68 (8.7)		
Residence prior to admission: Home	2,617 (94.4)	599 (94.8)	598 (93.1)	677 (94.6)	743 (95.1)	0.373	0
Body mass index (kg/m <sup>2</sup> )							44
<18.5	253 (9.1)	59 (9.3)	58 (9.0)	75 (10.5)	61 (7.8)	0.356	
18.5-24.9	1,780 (64.2)	404 (63.9)	438 (68.2)	446 (62.3)	492 (63.0)	0.103	
≥25.0	738 (26.6)	169 (26.7)	146 (22.7)	195 (27.2)	228 (29.2)	0.052	
Japan coma scale						0.420	0
0, 1-2 digit codes (clear to moderate consciousness impairment)	2,355 (85.0)	529 (83.7)	538 (83.8)	616 (86.0)	672 (86.0)		
3-digit code (severe consciousness impairment)	416 (15.0)	103 (16.3)	104 (16.2)	100 (14.0)	109 (14.0)		
Medical history							0
Previous stroke	466 (16.8)	123 (19.5)	130 (20.2)	93 (13.0)	120 (15.4)	P<0.001 <sup>d</sup>	
Hypertension	2,256 (81.4)	487 (77.1)	515 (80.2)	589 (82.3)	665 (85.1)	<0.01 <sup>e</sup>	
Diabetes	828 (29.9)	184 (29.1)	206 (32.1)	205 (28.6)	233 (29.8)	0.531	
Dyslipidemia	829 (29.9)	195 (30.9)	188 (29.3)	208 (29.1)	238 (30.5)	0.860	
Respiratory disease	470 (17.0)	67 (10.6)	119 (18.5)	161 (22.5)	123 (15.7)	P<0.0001 <sup>f</sup>	
Dementia	238 (8.6)	45 (7.1)	63 (9.8)	63 (8.8)	67 (8.6)	0.391	
Heart failure	215 (7.8)	51 (8.1)	45 (7.0)	61 (8.5)	58 (7.4)	0.732	
Renal failure	178 (6.4)	43 (6.8)	46 (7.2)	41 (5.7)	48 (6.1)	0.701	
Liver disease	198 (7.1)	35 (5.5)	61 (9.5)	43 (6.0)	59 (7.6)	0.024 <sup>g</sup>	

All comparisons used the Pearson's chi-square test, and multiple comparisons used Bonferroni's adjustment.

a) P<0.0001: Pre vs. Post-3, Post-1 vs. Post-3; P<0.001: Post-2 vs. Post-3

b) P=0.001: Pre vs. Post-1, P<0.001: Post-1 vs. Post-2

c) P=0.002: Pre vs. Post-3

d) P=0.001: Pre vs. Post-2, P<0.001: Post-1 vs. Post-2

e) P<0.0001: Pre vs. Post-3

f) P<0.0001: Pre vs. Post-1, Post-2; P=0.004: Pre vs. Post-3; P=0.001: Post-2 vs. Post-3

g) P=0.008: Pre vs. Post-1