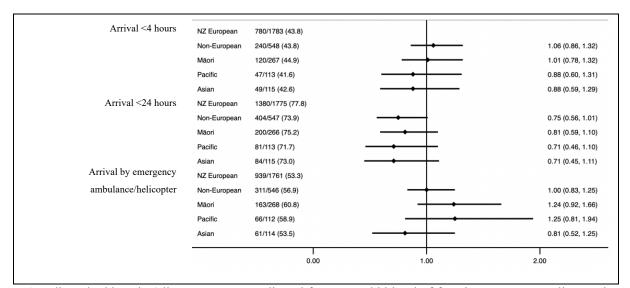
	Ethnicity	Number n/N (%)§		aOR (95%
Thrombolysis*	NZ European	183/1494 (12.3)		
	Non-European	62/443 (14.0)	→	0.74 (0.51, 1.0
	Māori	38/233 (16.3)		0.88 (0.58, 1.3
	Pacific	16/94 (17.0)		0.89 (0.48, 1.6
	Asian	6/78 (7.7)	•	0.48 (0.22, 1.0
TT1 1 4 ¥	NZ European	56/1494 (3.4)		0.40 (0.22, 1.)
Thrombectomy*				0.56 (0.20.1)
	Non-European	20/443 (4.5)	•	0.56 (0.30, 1.0
	Māori	10/233 (4.3)		0.67 (0.31, 1.4
	Pacific	6/94 (6.4)		0.59 (0.23, 1.
	Asian	4/78 (5.1)		0.47 (0.15, 1.4
Reperfused of those eligible [†]	NZ European	197/269 (73.2)		
	Non-European	68/91 (74.7)		0.93 (0.51, 1.3
	Mäori	42/54 (77.8)		0.90 (0.40, 2.0
	Pacific	16/21 (76.2)	\rightarrow	1.11 (0.36, 3.4
	Asian	8/13 (61.5)		0.36 (0.09, 1.4
ASU care	NZ European	1423/1823 (78.1)		
	Non-European	418/556 (75.2)	→	0.76 (0.60, 0.9
	Māori	192/273 (70.3)	→	0.68 (0.51, 0.9
	Pacific	100/114 (87.7)		1.55 (0.85, 2.8
	Asian	97/115 (84.4)		1.21 (0.71, 2.0
Swallow assessment <6 hours	NZ European	358/1090 (32.8)		1.21 (0.71, 2.0
	Non-European		•	0.76 (0.58, 1.0
		92/318 (28.9)		
	Māori	41/152 (27.0)	· ·	0.69 (0.47, 1.0
	Pacific	21/65 (32.3)		0.91 (0.53, 1.5
	Asian	20/71 (28.2)		0.75 (0.44, 1.2
Swallow assessment <24 hours	NZ European	916/1165 (83.7)		
	Non-European	249/318 (78.3)		0.72 (0.53, 0.9
	Māori	123/151 (81.5)		0.87 (0.56, 1.3
	Pacific	48/65 (73.9)	<u> </u>	0.58 (0.32, 1.0
	Asian	53/72 (73.6)		0.57 (0.33, 0.9
Antiplatelet given <24 hours	NZ European	1262/1773 (71.2)		
	Non-European	371/524 (70.8)	+	1.05 (0.83, 1.3
	Māori	186/254 (73.2)		1.17 (0.85, 1.6
	Pacific	80/109 (73.4)	$\rightarrow \rightarrow \rightarrow$	1.24 (0.76, 2.0
	Asian	73/108 (67.6)	$\rightarrow \rightarrow \rightarrow$	1.38 (0.84, 2.2
DVT prophylaxis	NZ European	1027/1627 (63.1)		
	Non-European	312/490 (63.7)		0.93 (0.65, 1.3
	Māori	147/241 (61.0)		0.77 (0.56, 1.0
	Pacific		<u> </u>	
		71/104 (68.3)		0.95 (0.60, 1.9
Mobilised [‡] within 48 hours	Asian	67/103 (65.1)		0.89 (0.57, 1.4
Mobilised* within 48 hours	NZ European	1413/1785 (79.2)		
	Non-European	406/550 (73.8)		0.73 (0.53, 1.0
	Māori	202/271 (74.5)	→	0.72 (0.49, 1.0
	Pacific	84/112 (75.0)		0.84 (0.47, 1.5
	Asian	77/113 (68.1)		0.60 (0.35, 1.
IDT assessment within 48 hours	NZ European	1439/1823 (78.9)		
	Non-European	442/556 (79.5)		1.03 (0.81, 1.3
	Māori	215/273 (78.8)	+	0.92 (0.65, 1.3
	Pacific	90/114 (79.0)	_	0.86 (0.54, 1.3
	Asian	92/115 (80.0)		1.01 (0.63, 1.0
CNS review	NZ European	996/1820 (54.7)	[and forest the
	Non-European	304/556 (54.7)		0.95 (0.78, 1.1
	Māori	147/273 (53.9)		0.89 (0.68, 1.
	Pacific	73/114 (64.0)		1.51 (1.01, 2.
	Asian	57/115 (49.6)		0.80 (0.54, 1.1
		0.00	1.00 2.0	n
		0.00	1.00 2.0	

Supplementary Figure 1: Access to stroke interventions/care by individual ethnic group

CT	NZ European	1773/1815 (97.7)		
	Non-European	551/556 (99.1)		3.22 (1.22, 8.33)
	Mäori	270/273 (98.9)		2.81 (0.83, 9.49)
	Pacific	113/114 (99.1)		3.62 (0.48, 27.20
	Asian	115/115 (100.0)		
MRI	NZ European	472/1787 (26.4)		
	Non-European	161/549 (29.3)	→ −	0.66 (0.52, 0.85)
	Māori	90/269 (33.5)		0.80 (0.58, 1.11)
	Pacific	26/114 (22.8)	→	0.37 (0.22, 0.61)
	Asian	30/114 (26.3)	_ -	0.63 (0.39, 1.02)
ECG	NZ European	1679/1793 (93.6)		
	Non-European	516/551 (93.6)	•	1.06 (0.64, 1.43)
	Mäori	253/270 (93.7)		0.93 (0.54, 1.59)
	Pacific	107/114 (93.9)		1.01 (0.46, 2.25)
	Asian	107/114 (93.9)		1.31 (0.56, 3.10)
Telemetry	NZ European	857/1750 (49.0)		
	Non-European	302/523 (57.7)	+	1.18 (0.93, 1.47)
	Māori	156/264 (59.1)		0.98 (0.73, 1.32)
	Pacific	60/103 (58.3)		1.42 (0.92, 2.21)
	Asian	64/106 (60.4)	<u> </u>	1.69 (1.10, 2.61)
Carotid imaging	NZ European	819/1798 (45.6)		
	Non-European	275/546 (50.4)	—	0.83 (0.66, 1.03)
	Māori	134/267 (50.2)		0.87 (0.65, 1.18)
	Pacific	60/112 (53.6)		0.84 (0.55, 1.28)
	Asian	55/114 (48.3)		+ 1.69 (1.10, 2.61)
Carotid endarterectomy	NZ European	34/1751 (1.94)		
	Non-European	6/539 (1.1)		0.63 (0.25, 1.54)
	Māori	0/260 (0.0)		
	Pacific	2/113 (1.8)		0.83 (0.19, 5.32)
	Asian	4/115 (3.5)		1.61 (0.55, 4.66)
				1
		0.00	1.00	2.00

Overall BMT prescribed	NZ European	1154/1823 (63.3)		
-	Non-European	349/556 (62.8)	—	0.86 (0.70, 1.06)
	Māori	169/273 (61.9)	-+	0.92 (0.70, 1.23)
	Pacific	77/114 (67.5)		1.16 (0.76, 1.76)
	Asian	72/115 (62.6)	+	0.86 (0.57, 1.28)
Antiplatelet(s)	NZ European	1770/1823 (97.1)		
	Non-European	538/556 (96.8)	+	0.81 (0.46, 1.43)
	Māori	263/273 (96.3)	—	0.73 (0.36, 1.45)
	Pacific	113/114 (99.1)		2.98 (0.41, 21.82
	Asian	110/115 (95.7)		0.61 (0.21, 1.76)
Antihypertensive(s)	NZ European	1505/1823 (82.6)		
	Non-European	453/556 (81.5)		1.18 (0.89, 1.54)
	Māori	227/273 (83.2)	+	1.37 (0.95, 1.99)
	Pacific	96/114 (84.2)		1.57 (0.91, 2.71)
	Asian	88/115 (76.5)		0.61 (0.21, 1.76)
Statin	NZ European	1608/1823 (88.2)		
	Non-European	496/556 (89.2)	+	0.96 (0.69, 1.32)
	Māori	242/273 (88.6)		- 0.98 (0.63, 1.54)
	Pacific	106/114 (93.0)	+	1.15 (0.53, 2.48)
	Asian	103/115 (83.3)	+	0.67 (0.34, 1.31)
Anticoagulant	NZ European	1539/1823 (84.4)		
	Non-European	472/556 (84.9)	—	0.82 (0.61, 1.09)
	Māori	226/273 (82.8)	_ —	0.68 (0.47, 0.98)
	Pacific	99/114 (86.8)		1.05 (0.57, 1.94)
	Asian	101/115 (87.8)		0.95 (0.53, 1.72)
Smoking cessation advice provided**	NZ European	101/159 (63.5)		
	Non-European	90/128 (70.3)	+	0.81 (0.44, 1.49)
	Māori	72/99 (72.7)	+	0.82 (0.43, 1.59)
	Pacific	14/20 (70.0)		1.00 (0.29, 3.46)
	Asian	4/8 (50.0)	•	0.40 (0.06, 2.75)
Exercise advice provided	NZ European	445/1821 (24.4)		
	Non-European	182/556 (32.7)	_ ↓	1.18 (0.93, 1.49)
	Māori	91/273 (33.3)	+	1.05 (0.76, 1.44)
	Pacific	44/114 (43.0)		1.70 (1.10, 2.63)
	Asian	36/115 (31.3)	_ _	1.28 (0.82, 2.00)
Diet advice provided	NZ European	444/1821 (24.4)		
	Non-European	196/556 (32.3)		1.23 (0.96, 1.56)
	Māori	178/273 (65.2)	_ ↓	1.23 (0.90, 1.69)
	Pacific	81/114 (71.1)		2.02 (1.31, 3.13)
	Asian	82/115 (71.3)	_	1.15 (0.73, 1.82)
Advice on action if symptoms recur	NZ European	884/1821 (48.5)		,
	Non-European	355/556 (63.9)		1.79 (1.41, 2.27)
	Māori	178/273 (65.2)	— —	1.88 (1.31, 2.71)
	Pacific	81/114 (71.1)		2.17 (1.29, 3.67)
	Asian	82/115 (71.3)		2.91 (1.55, 5.48)
		1		1
		0.00	1.00	2.00

		l 0.00	1.00	l 2.00
	Asian	82/115 (71.3)		1.73 (1.11, 2.71)
	Pacific	84/114 (73.7)		1.66 (1.05, 2.63)
	Māori	203/273 (74.4)	+	1.27 (0.94, 1.73)
	Non-European	409/556 (73.6)	+	1.45 (1.16, 1.82)
Follow-up GP	NZ European	1259/1821 (69.1)		
	Asian	22/115 (19.1)		0.87 (0.51, 1.46)
	Pacific	24/114 (21.1)		0.86 (0.52, 1.43)
	Māori	42/173 (15.4)		0.99 (0.66, 1.49)
	Non-European	95/556 (17.1)		0.90 (0.67, 1.22)
Follow-up stroke specialist	NZ European	200/1821 (11.0)		
	Asian	5/115 (4.4)	•	0.47 (0.19, 1.19)
	Pacific	9/114 (7.9)		0.91 (0.45, 1.86)
	Māori	33/273 (12.1)		1.21 (0.80, 1.81)
	Non-European	50/566 (9.0)	+	0.95 (0.68, 1.33)
Follow-up CNS	NZ European	175/1821 (9.6)		
		 0.00	1.00	2.00
	Asian	13/36 (36.1)	•	0.88 (0.42, 1.81)
	Pacific	23/46 (50.0)		1.36 (0.73, 2.52)
	Māori	31/88 (35.2)		0.94 (0.57, 1.55)
	Non-European	71/185 (38.4)		0.97 (0.67, 1.39)
ccessed community rehab <7 days	NZ European	185/495 (37.4)		
	Asian	42/102 (41.2)		0.83 (0.54, 1.28)
	Pacific	53/105 (50.5)		1.22 (0.80, 1.86)
	Māori	112/244 (45.9)		1.17 (0.87, 1.58)
	Non-European	227/496 (45.8)		1.11 (0.88, 1.39)
Accessed community rehab	NZ European	611/1607 (38.0)		,,
	Asian	16/37 (43.2)	•	0.96 (0.48, 1.94)
	Pacific	11/34 (32.4)	•	0.54 (0.24, 1.20)
	Māori	22/82 (26.8)	· · · · · · · · · · · · · · · · · · ·	0.59 (0.33, 1.05)
	Non-European	54/168 (32.1)		0.67 (0.44, 1.01)
≥60min physical therapy/day††	NZ European	20/37 (34.1)		1.04 (0.07, 2.00)
	Asian	20/37 (54.1)	·	1.34 (0.67, 2.66)
	Pacific	14/34 (41.2)		0.92 (0.57, 1.47) 0.68 (0.33, 1.37)
	Non-European Māori	83/168 (49.4) 40/82 (48.8)		0.98 (0.69, 1.39)
Accessed inpatient rehab <7 days	NZ European	229/582 (51.4)		0.00 /0.00 -1.00
Appaged innotions 1-1- 17 1	Asian	37/114 (32.5)		0.92 (0.61, 1.40)
	Pacific	34/114 (29.8)		0.89 (0.58, 1.36)
	Māori	82/272 (30.2)		0.91 (0.68, 1.21)



aOR=adjusted odds ratio (all outcomes were adjusted for pre-morbid level of function, age sex, rurality, stroke severity, baseline characteristic differences of p<0.1, and intervention specific covariates such as time delay to reach hospital, mode of transport for reperfusion therapies and palliation within 24 hours for early mobilisation and allied health input. Covariates were backward eliminated unless removal substantially impacted odds ration aiming to minimise number of covariates and optimise model fit); 95% CI=95% confidence interval; ASU=acute stroke unit; DVT=deep vein thrombosis; IDT=interdisciplinary team; BMT=best medical therapy; CNS review refers to a stroke clinical nurse specialist review of the patient on the ward while an inpatient; BMT='best medical therapy' refers to antiplatelet(s), statins, and anti-hypertensives for non-cardioembolic ischaemic stroke patients, anti-hypertensives for ICH patients attributed to hypertension, and anticoagulation for patients with cardioembolic stroke unless any contraindications documented; GP=general practitioner; Follow-up with stroke nurse refers to post-discharge follow-up appointment with a stroke clinical nurse specialist; § n/N(%): the numerator refers to the number of people that received the intervention and the denominator to the number of people for whom we had data available; *Denominator for these analyses consists of only those patients with a primary diagnosis of ischaemic stroke; †'Reperfused of those eligible' refers to patients undergoing thrombolysis and/or thrombectomy among those who presented within the require time window and did not have appropriate exclusion criteria; ; 'Mobilised' refers to any 'out of bed activity'; ** Analysis limited to current smokers at the time of presentation; ††weekdays only.