

Online supplement

Supplementary Table I: Multivariate Associations of risk factors with Echocardiogram Findings of Interest in AIS (n=1377)

Effect	Odds Ratio	95% Wald Confidence Interval
Hypertroponinemia	2.93	2.02-4.26
Hx or current a.fib	1.64	1.08-2.51
Female	0.52	0.36-0.76
Black	1.72	1.12-2.66
Age (per 10 year increase)	0.94	0.82-1.10
Hx of Cardiac Disease	4.89	2.95-8.10

Supplemental Table II: Outcome for AIS patient groups

	AIS with cTn and Echocardiogram	AIS with cTn no Echocardiogram	AIS with Echocardiogram no cTn	AIS with no Echocardiogram no cTn	P-value*
N	1377	329	213	80	1377 vs 622
Length of stay median (IQR)	4 (2, 6)	3 (2, 5)	3 (2, 5)	2 (1, 4)	<0.0001
30 day mortality, n (%)	126 (9.2%)	60 (18.2%)	13 (6.1%)	15 (18.8%)	0.0008
1 year mortality, n (%)	287 (20.8%)	116 (35.3%)	38 (17.8%)	32 (40.0%)	<0.0001
3 year mortality, n (%)	445 (32.3%)	156 (47.4%)	59 (27.7%)	39 (48.8%)	0.0002

**cTn and Echo vs missing cTn or Echo*

Supplemental Table III: Multivariate odds of death after AIS in those with complete cardiac evaluation, excluding those with concurrent AMI; N=1328/1377

Variable	Dead by 30 days OR (95% CI)	Dead by 1 year OR (95% CI)	Dead by 3 years OR (95% CI)
Any Echocardiogram finding of interest	1.13 (0.60-2.15)	1.36 (0.85-2.17)	1.90 (1.22-2.95)*
Age (10 year increase)	1.52 (1.21-1.93)*	1.74 (1.49-2.06)*	1.89 (1.65-2.18)*
Atrial Fibrillation	0.92 (0.52-1.60)	1.30 (0.88-1.91)	1.32 (0.93-1.88)
Hx of Cardiac disease	1.79 (0.99-3.23)	1.14 (0.77-1.67)	1.39 (1.00-1.94)*
Hx of Diabetes	0.68 (0.41-1.14)	1.12 (0.80-1.57)	1.16 (0.86-1.57)
Hx of CKD	1.12 (0.62-2.05)	1.87 (1.26-2.80)*	1.49 (1.02-2.18)*
Hx of Dementia	1.26 (0.71-2.25)	1.24 (0.80-1.92)	1.73 (1.12-2.68)*
Current smoking	1.28 (0.68-2.41)	1.49 (0.98-2.29)	1.88 (1.30-2.71)*
mRS 0-1	0.56 (0.32-1.00)	0.50 (0.34-0.72)	0.45 (0.33-0.62)
rNIHSS (5 point increase)	1.95 (1.74-2.21)*	1.59 (1.44-1.75)*	1.44 (1.31-1.59)*

**statistically significant*