SUPPLEMENTAL MATERIAL

Table S1. Univariable and multivariable analyses of thromboembolic stroke.

	Univariable		Multivariable	
Variable	**Odds ratio (95% CI)**	**P**	**Odds ratio (95% CI)**	**P**
Pseudo-thrombosis	4.10 (1.93, 8.69)	<0.001	3.03 (1.26, 7.29)	0.01
Age (years)	1.10 (1.05, 1.16)	<0.001	1.02 (0.95, 1.08)	0.66
Female	0.66 (0.28, 1.55)	0.34		
Hypertension	1.36 (0.66, 2.81)	0.41		
Diabetes Mellitus	0.61 (0.20, 1.86)	0.39		
Dyslipidaemia	1.94 (0.87, 4.34)	0.11		
Coronary Artery Disease	1.09 (0.46, 2.60)	0.84		
Heart Failure	0.91 (0.35, 2.37)	0.85		
Vascular Disease	3.17 (1.16, 8.65)	0.02	1.95 (0.56, 6.78)	0.29
AADs prior to CT scan	0.92 (0.44, 1.91)	0.82		
OAC prior to CT scan	0.36 (0.16, 0.82)	0.01	0.28 (0.11, 0.73)	0.009
CHA2DS2-VASc score	2.08 (1.58, 2.74)	<0.001	2.00 (1.33, 2.98)	0.001

	Univariable	
LAA characteristics**	**Odds ratio (95% CI)**	**P**
LAA Gradient (initial scan)		0.77
<0.07	1.05 (0.46, 2.37)	
0.07 to 1.3	0.25 (0.07, 0.88)	
1.3+	Reference group	
LAA Gradient (delayed scan)		0.40
<-0.5	0.53 (0.18, 1.51)	
-0.5 to 0.12	1.56 (0.68, 3.54)	
0.12+	Reference group	
Initial: late pass contrast ratio		0.60
<-3	1.61 (0.65, 3.95)	
-3 to 4	Reference group	
4+	2.02 (0.85, 4.80)	
LAA Ostium area>3.5	3.03 (1.02, 9.02)	0.05
LAA Curved Length	1.01 (0.98, 1.03)	0.56
LAA Ostium Area:Curved Length Ratio>0.068	6.45 (1.49, 27.87)	0.01
LAA Volume>11mm3	2.10 (0.98, 4.47)	0.06
Tortuosity Index	0.80 (0.32, 2.03)	0.64
LAA Morphology		0.20
Chicken wing	0.89 (0.31, 2.53)	
Windsock	Reference group	
Cactus	0.27 (0.03, 2.13)	
Cauliflower	4.31 (1.22, 15.25)	

* Forced into multivariable model due to known association with stroke. ** LAA characteristics were not considered as potential confounders and thus were included in univariable analysis only.

AAD: Anti-arhythmic drugs OAC: Oral Anticoagulant LA: Left Atrium LAA: Left Atrial Appendage

Table S2. Univariable and multivariable analyses of TIA.

	Univariable		Multivariable	
Variable	**Odds ratio (95% CI)**	**P**	**Odds ratio (95% CI)**	**P**
Pseudo-thrombosis	1.36 (0.57, 3.22)	0.49	1.06 (0.42, 2.69)	0.90
Age (years)	1.06 (1.02, 1.11)	0.009	1.02 (0.96, 1.08)	0.63
Female	1.00 (0.41, 2.43)	0.99		
Hypertension	1.42 (0.63, 3.20)	0.39		
Diabetes Mellitus	1.18 (0.41, 3.37)	0.75		
Dyslipidaemia	1.36 (0.54, 3.46)	0.51		
Coronary Artery Disease	2.01 (0.84, 4.84)	0.12		
Heart Failure	1.02 (0.36, 2.87)	0.98		
Vascular Disease	2.59 (0.86, 7.82)	0.09		
AAD prior to CT scan	1.40 (0.62, 3.13)	0.42		
OAC prior to CT scan	2.30 (1.00, 5.30)	0.05	2.39 (0.99, 5.79)	0.05
CHA2DS2-VASc score	1.61 (1.24, 2.08)	<0.001	1.51 (1.07, 2.13)	0.02

	Univariable	
LAA characteristics**	**Odds ratio (95% CI)**	**P**
LAA Gradient (initial scan)		0.75
<0.07	0.83 (0.30, 2.30)	
0.07 to 1.3	1.03 (0.39, 2.74)	
1.3+	Reference group	
LAA Gradient (delayed scan)		0.79
<-0.5	1.12 (0.42, 3.01)	
-0.5 to 0.12	1.17 (0.44, 3.15)	
0.12+	Reference group	
Initial: late pass contrast ratio		0.77
<-3	0.97 (0.37, 2.56)	
-3 to 4	Reference group	
4+	0.81 (0.29, 2.25)	
LAA Ostium area>3.5	1.57 (0.57, 4.38)	0.39
LAA Curved Length	0.98 (0.95, 1.01)	0.19
LAA Ostium Area:Curved Length Ratio>0.068	4.60 (1.05, 20.11)	0.04
LAA Volume>11mm3	1.25 (0.56, 2.81)	0.59
Tortuosity Index	0.63 (0.20, 1.92)	0.41
LAA Morphology		0.23
Chicken wing	0.66 (0.18, 2.36)	
Windsock	Reference group	
Cactus	0.75 (0.16, 3.51)	
Cauliflower	2.55 (0.62, 10.45)	

* Forced into multivariable model due to known association with stroke. ** LAA characteristics were not considered as potential confounders and thus were included in univariable analysis only.

AAD: Anti-arhythmic drugs OAC: Oral Anticoagulant LA: Left Atrium LAA: Left Atrial Appendage