

SUPPLEMENTAL MATERIAL

Table S1. Previous medications affecting QTc-interval in patients with and without troponin elevation

Variable	Cardiac troponin I		<i>p</i> -value†
	Elevated (n = 121)	Non-elevated (n = 1283)	
Previous medications			
ACEIs or ARBs	37 (30.6)	299 (23.3)	0.07
Calcium channel blockers	43 (35.3)	435 (33.9)	0.72
Beta-blockers	29 (24.0)	208 (16.2)	0.03
Digoxin	4 (3.3)	27 (2.1)	0.33
Other QTc-interval prolonging drugs*	7 (5.8)	105 (8.2)	0.35

Variables are presented as number (%).

ACEI = angiotensin-converting enzyme inhibitor; ARB = angiotensin receptor blocker.

*QTc-interval prolonging drugs by the Anatomical Therapeutic Chemical (ATC) code include Cilostazol (B01AC23), Domperidone (A03FA03), Flecainide (C01BC04), Amiodarone (C01BD01), Sotalol (C07AA07), Nicardipine (C08CA04), Solifenacin (G04BD08), Azithromycin (J01FA10), Ofloxacin (J01MA01), Ciprofloxacin (J01MA02), Tamoxifen (L02BA01), Tacrolimus (L04AD02), Tizanidine (M03BX02), Amantadine (N04BB01), Quetiapine (N05AH04), Lithium (N05AN01), Risperidone (N05AX08), Fluoxetine (N06AB03), Citalopram (N06AB04), Sertraline (N06AB06), Escitalopram (N06AB10), Galantamine (N06DA04), Imipramine (N06AA02, N06AA02), Amitriptyline (N06AA09), and Diphenhydramine (R06AA02) that are listed on www.qtdrugs.org.

†*p*-values are calculated by Pearson chi-square test or Fisher's exact test as appropriate

Table S2. Comparison of clinical variables between patients with or without echocardiography

Variable	Echocardiography		<i>p</i> -value†
	Performed (n = 792)	Not-performed (n = 612)	
Age (years)	64.8 ± 12.5	65.2 ± 12.3	0.63
Male	482 (60.9)	370 (60.5)	0.88
Heart rate (beats per minute)	76.9 ± 17.9	78.6 ± 17.6	0.08
Hypertension	461 (58.2)	387 (63.2)	0.06
Diabetes mellitus	169 (21.3)	144 (23.5)	0.33
Hyperlipidemia	169 (21.3)	130 (21.2)	0.97
Current smoking	248 (31.3)	198 (32.4)	0.68
History of ischemic heart disease	115 (14.5)	36 (5.9)	<0.01
NIHSS score on admission, median [IQR]	4 [2, 9]	4 [2, 7]	0.14
Insular cortical lesion	233 (29.4)	101 (16.5)	<0.01
Stroke subtypes			<0.01
Large artery atherosclerosis	245 (30.9)	196 (32.0)	
Cardiogenic embolism	299 (37.8)	66 (10.8)	
Small vessel disease	94 (11.9)	243 (39.7)	
Undetermined etiology	109 (13.8)	72 (11.8)	
Other etiology	45 (5.7)	35 (5.7)	
Abnormal ECG findings			
QTc-prolongation	270 (34.1)	187 (30.6)	0.16
Non-elevated ST-T change	225 (28.4)	154 (25.2)	0.17

LVH	209 (26.4)	146 (23.9)	0.28
AF	189 (23.9)	59 (9.6)	<0.01
Q-wave	67 (8.5)	53 (8.7)	0.89
ST elevation	22 (2.8)	16 (2.6)	0.85

Variables are presented as mean \pm SD, median [interquartile range], or number (%).

NIHSS = National Institutes of Health Stroke Scale; ECG = electrocardiography; LVH = left ventricular hypertrophy; AF = atrial fibrillation.

†*p*-values are calculated by Pearson chi-square test or Student's *t*-test as appropriate