Supplementary Online Content

Schwamm LH, Kamel H, Granger CB, et al; STROKE AF Investigators. Predictors of atrial fibrillation in patients with stroke attributed to large- or small-vessel disease: a prespecified secondary analysis of the STROKE AF randomized clinical trial. *JAMA Neurol*. Published online November 14, 2022. doi:10.1001/jamaneurol.2022.4038
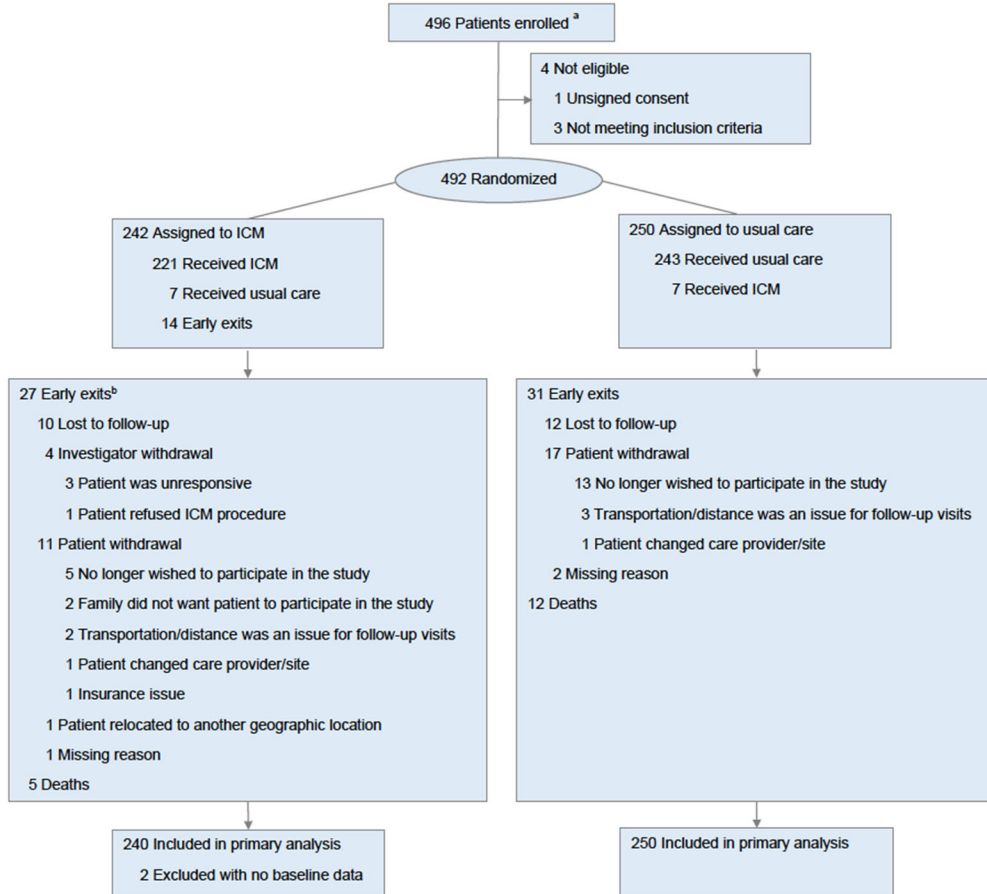
eFigure. Patient Flow

eTable. Baseline Characteristics of STROKE AF Patients Randomized to ICM vs Those With Successful Insertion

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure. Patient Flow

Footnote: b These include the 14 early exits in the previous box.


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                          ┌─────────────────────────────┐
                          │  496 Patients enrolled [a]   │
                          └─────────────────────────────┘
                                    │
                                    │      ┌──────────────────────────────────┐
                                    ├─────▶│ 4 Not eligible                   │
                                    │      │   1 Unsigned consent             │
                                    │      │   3 Not meeting inclusion criteria│
                                    │      └──────────────────────────────────┘
                          ┌─────────────────────┐
                          │   492 Randomized     │
                          └─────────────────────┘
                 ┌──────────────────┴──────────────────┐
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242 Assigned to ICM	250 Assigned to usual care
221 Received ICM	243 Received usual care
7 Received usual care	7 Received ICM
14 Early exits	

27 Early exits[b]	31 Early exits
10 Lost to follow-up	12 Lost to follow-up
4 Investigator withdrawal	17 Patient withdrawal
3 Patient was unresponsive	13 No longer wished to participate in the study
1 Patient refused ICM procedure	3 Transportation/distance was an issue for follow-up visits
11 Patient withdrawal	1 Patient changed care provider/site
5 No longer wished to participate in the study	2 Missing reason
2 Family did not want patient to participate in the study	12 Deaths
2 Transportation/distance was an issue for follow-up visits	
1 Patient changed care provider/site	
1 Insurance issue	
1 Patient relocated to another geographic location	
1 Missing reason	
5 Deaths	

240 Included in primary analysis	250 Included in primary analysis
2 Excluded with no baseline data	

eTable. Baseline Characteristics of STROKE AF Patients Randomized to ICM vs Those With Successful Insertion

Baseline Characteristics	ICM group (n=242)	ICM – Successful Insertion* (n=221)
Age, years	66.6 (9.3) [240]	66.6 (9.3) [221]
<65,	107 (44.2%)	97 (43.9%)
65 – 74	81 (33.5%)	75 (33.9%)
75+	52 (21.5%)	49 (22.2%)
Men	144 (60.0%)	131 (59.3%)
Women	96 (40.0%)	90 (40.7%)
Body mass index, kg/m^2	29.4 (5.8) [240]	29.4 (5.9) [221]
Blood pressure		
Diastolic	77.6 (15.2) [240]	77.6 (14.9) [221]
Systolic	145.2 (22.0) [240]	145.3 (21.9) [221]
Heart rate	73.9 (12.8) [238]	74.2 (13.0) [219]
Cerebral arterial stenosis	25 (10.3%)	23 (10.4%)
Congestive heart failure	8 (3.3%)	8 (3.6%)
Coronary artery disease	38 (15.7%)	36 (16.3%)
Hypertension	197 (81.4%)	197 (81.4%)
Myocardial infarction	17 (7.0%)	17 (7.0%)
Peripheral vascular disease	20 (8.3%)	20 (8.3%)
Stroke/TIA event prior to index stroke		
Stroke or stroke-related event	65 (27.1%)	60 (27.2%)
Ischemic stroke of known origin	46 (19.0%)	46 (19.0%)
TIA	22 (9.1%)	22 (9.1%)
Coronary artery bypass graft	14 (5.8%)	14 (6.3%)
Coronary artery intervention	22 (9.1%)	21 (9.5%)
Chronic obstructive pulmonary disease	17 (7.0%)	15 (6.8%)
Diabetes	87 (36.3 %)	79 (35.7%)
Renal dysfunction	18 (7.4%)	15 (6.8%)
Sleep apnea	21 (8.7%)	19 (8.6%)
CHA$_2$DS$_2$-VASc Score, Median (IQR)	5.0 (4.0 - 5.0)	5.0 (4.0 – 6.0)
Left atrial diameter	35.9 (8.4) [166]	35.7 (8.5) [153]
Left atrial enlargement	82 (34.0%)	73 (37.2%)

Left atrial volume	44.2 (21.1) [142]	43.8 (20.3) [131]
PR interval	168.4 (52.2) [218]	167.8 (52.8) [201]
QRS duration	94.0 (17.1) [219]	93.9 (17.3) [202]
QTc interval	438.5 (42.8) [219]	438.4 (43.3) [202]
RR interval	582.1 (728.5) [180]	587.6 (748.2) [165]
Score on Modified Rankin scale, Median (IQR)	2.0 (1.0 – 3.0)	2.0 (1.0 – 3.0)
0-2	155 (64.0%)	143 (65.0%)
>2	84 (34.7%)	77 (35.0%)
Score on NIH Stroke Scale, Median (IQR)	2.0 (1.0 – 4.0)	2.0 (1.0 – 5.0)
TOAST Classification of index stroke		
Large vessel disease	140 (57.9%)	126 (57.0%)
Small vessel disease	100 (41.3%)	95 (43.0%)
Index stroke infarction location		
Brainstem	38 (15.7%)	38 (17.2%)
Cerebellum	22 (9.1%)	21 (9.5%)
Cerebral artery, anterior	22 (9.1%)	19 (8.6%)
Cerebral artery, middle	123 (50.8%)	108 (48.9%)
Cerebral artery, posterior	37 (15.3%)	36 (16.3%)
Left side	122 (50.4%)	110 (49.8%)
Right side	111 (45.9%)	104 (47.1%)

*7 patients crossed over to the control group and received usual care. 14 patients exited the study early.
Mean (SD) [N] is shown for continuous variables, Median (IQR) is shown for ordinal variables and N (%) is shown for categorical variables.
Abbreviations: TIA, transient ischemic attack; SD, standard deviation; IQR, interquartile range.