

Supplementary Information

The CHA₂DS₂-VAS_c score is a clinical tool used to assess the likelihood of stroke in individuals with non-rheumatic atrial fibrillation, a prevalent and severe heart rhythm disorder associated with thromboembolic strokes. This scoring system aids in determining the need for anticoagulation or antiplatelet therapy. Due to the potential for AF to cause blood stasis in the heart's upper chambers, a clot (mural thrombus) can form, leading to its dislodgment, traveling through the bloodstream, blocking the blood supply to the brain, and resulting in a stroke. A higher CHA₂DS₂-VAS_c score indicates an increased risk of stroke, whereas a lower score indicates a reduced risk of stroke.

Table s1 CHA₂DS₂-VAS_c Score

Criteria		Poss. Point	
Congestive heart failure		+1	
Hypertension		+1	
Age \geq 75 years	65 \leq Age \leq 74 years	+2	+1
Diabetes mellitus		+1	
Stroke/transient ischemic attack		+2	
Vascular disease		+1	
Sex category (female gender)		+1	
Total Score		0-9	