



Atrial Fibrillation and Its Complications: Preventive Strategies and Relative Evidence

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Message from the Guest Editor

Dear Colleagues,

Atrial fibrillation is the most common cardiac arrhythmia in clinical practice, with a rising incidence and prevalence globally. AF represents an increasing healthcare issue due to the multiple potential associated complications, including a 5-fold increase in stroke and heart failure and 2-fold increase in myocardial infarction, as well as dementia and cognitive decline. Over the past decade, several therapeutic strategies have emerged in clinical practice, with the aim of preventing such complications. Oral anticoagulation reduces the risk of ischemic stroke by almost 70% but is associated with bleeding risk. Percutaneous left atrial appendage closure is a valuable alternative therapeutic strategy for stroke prevention in patients with AF at an increased risk of bleeding. Anti-arrhythmic drugs and catheter ablation are effective in reducing the AF burden and improving patients' quality of life.

We are pleased to invite you to submit original research papers or reviews focusing on preventive strategies for AF and its complications, emphasizing both the supporting evidence and limitations related to current pharmacological and interventional approaches.





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