

Special Issue

Early Diagnosis and Treatment of Atrial Fibrillation

Message from the Guest Editors

This Special Issue (SI) addresses the pressing need for the prompt identification and management of atrial fibrillation (AF). AF is characterized by irregular and often rapid heart rates that increase the risk of stroke, heart failure, and other severe cardiovascular complications. This SI includes the use of wearable technology, electrocardiogram (ECG) monitoring, and novel biomarkers that enhance the early detection of AF. Additionally, it explores innovative treatment modalities such as direct oral anticoagulants (DOACs), which offer safer and more effective anticoagulation therapy, and catheter ablation, a minimally invasive procedure that can significantly reduce AF recurrence. The role of lifestyle modifications and comprehensive patient education in managing AF is also emphasized, highlighting the importance of a holistic approach to treatment. By presenting a thorough examination of these advancements, this SI aims to equip healthcare professionals with the knowledge and tools needed to implement early diagnosis and tailored treatment strategies, ultimately improving patient outcomes and quality of life for those affected by AF.

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