

Special Issue

Catheter Ablation of Atrial Fibrillation: Advances and Challenges

Message from the Guest Editors

Atrial fibrillation (AF) is the most common heart rhythm disorder in the United States and many other countries across the globe. Numerous groundbreaking technologies and techniques in AF catheter ablation have been developed over the years, allowing it to mature as a durable option for rhythm control. Despite these advances, many gaps regarding the pathophysiology and mechanisms that initiate and sustain AF remain; in turn, these continue to underpin challenges that we encounter in terms of improving outcomes and minimizing complications. In this Special Issue, we summarize the tremendous progress made in terms of AF catheter ablation and provide a preview of emerging therapies/modalities that are on the horizon. In addition, we highlight the challenges we currently face and opportunities for future growth. Researchers in the field of clinical arrhythmology and electrophysiology are encouraged to submit their findings as original articles or reviews to this Special Issue. Submissions focusing on innovative approaches, novel technologies, and outcomes of clinical studies are particularly encouraged.

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