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Latest Advances in Catheter Ablation

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Message from the Guest Editors

The transcatheter ablation of cardiac arrhythmias is a reproducible and effective treatment in current clinical practice. Research in this field is constantly evolving in line with innovation, especially in intracavity mapping systems, new forms of energy, and other tools for supporting the transcatheter cardiac ablation of simple and complex cardiac arrhythmias. The multidisciplinary collaboration of anesthesiologists and cardiac surgeons is often required to clinically assess patients with cardiac arrhythmias for hybrid ablations or hemodynamic support, in order to perform redo procedures for atrial fibrillation or ventricular tachycardia with hemodynamic instability. Furthermore, cardiac imaging methods such as cardiac magnetic resonance, cardiac computed tomography, and intracardiac echocardiography play a pivotal role in the assessment of different arrhythmic substrates and in driving ablative treatment.

The aim of this Special Issue is to explore the latest innovations in this field, with a particular focus on the latest technical advances related to cardiac arrhythmias and substrates.



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Special Issue



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