

Special Issue

Atrial Fibrillation: Catheter Ablation Techniques and Management Strategies

Message from the Guest Editor

Cardiac electrophysiology is one of the most rapidly developing fields of cardiology. We are witnessing the advent of new energy modalities for ablation, novel physiologic options for pacing, and the opportunity to develop completely X-ray-free EP labs. Some older ablation concepts are being revisited, like high-power short-duration radiofrequency ablation, novel resizable cryoballoon devices, and hybrid, epicardial AF ablation. However, the hottest topic is electroporation, which is gradually becoming the dominant energy source for pulmonary vein isolation and wider ablation in the atria. Currently, there are a variety of PFE catheters available on the market, such as Varipulse, Farawawe, PulseSelect, Affera, etc. We know that not all PFE systems are created equally; so far, little data exist comparing these new ablation systems. Secondly, left appendage occluders are now widely used, and new studies have a potential to further expand LAAOcc usage, potentially as a second step in AF ablation.

Guest Editor

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