Special Issue

Ventricular Tachycardia: Diagnosis, Treatment and Management

Message from the Guest Editors

Over the recent decades, effective medical therapies and implantable cardioverter-defibrillators have led to improved outcomes for patients with structural heart disease and ventricular tachycardia (VT). However, some patients may experience VT recurrences, receive ICD shocks, and have a reduced life expectancy. Catheter ablation has a well-established role in controlling VT episodes and may change the disease's trajectory in these difficult-to-treat patients. Several technological innovations and improved knowledge of the electrophysiological characteristics of VT substrates and circuits have led to more favorable clinical outcomes after catheter ablation. Thus, the aim and scope of this Special Issue mainly focus on, but are not limited to, catheter ablation of ventricular tachycardia in challenging clinical scenarios, the role of technological innovations, imaging/mapping techniques, and intracardiac ultrasound, as well as procedural complications and their prevention. We welcome original research, systematic reviews, state-of-the-art reviews, etc.

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