

Special Issue

Cardiac Resynchronization Therapy: Clinical Results and Evolution of Candidate Selection

Message from the Guest Editor

Over the last 25 years, cardiac resynchronization therapy (CRT) has become an established therapy for patients with advanced heart failure, depressed left ventricular function, and wide QRS complex. A successful cardiac resynchronization improves cardiac output, leading to reverse left ventricular remodeling and an improvement in symptoms, quality of life and clinical outcome. Despite that, almost 30% of patients do not respond adequately to the therapy. In recent years, several studies have investigated the potential role of different cardiac imaging modalities in the identification of best candidates for CRT and for a better post-implant optimization. Unfortunately, to date, the optimal strategy for improving the CRT response remains debated. The aim of this Special Issue is to provide an updated overview of the diagnostic approaches available to identify potential predictors of favorable outcomes and, on the other hand, novel techniques able to guide adequate improvement of resynchronization therapy.

Guest Editor

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