



Latest Advances in Delivery and Outcomes of Cardiac Resynchronization Therapy

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Message from the Guest Editor

Cardiac Resynchronization Therapy (CRT) is an established technique to improve morbidity and mortality in selected heart failure patients. This technique has been a game changer for heart failure treatment in patients with conduction delay, who are often non-responders to optimal medical treatment. Unfortunately, rates of non-response to CRT are from 30% to 50% depending on the outcome parameter that is chosen. Non-response rates are due to suboptimal delivery of CRT, patient selection, and device programming. Furthermore, there is controversy on which parameter and cut-off should be used to define the CRT response.

With this Special Issue, we would like to highlight recent advances in the improvement of the CRT response, including, but not restricted to, strategies to optimize implantation techniques, patient selection, or CRT programming. We encourage researchers to submit their results and proposals on how to provide optimal CRT. The measurement of outcome variables such as exercise capacity, quality of life, reverse remodeling, as well as occurrence of atrial and ventricular arrhythmias is essential to evaluate the success of this powerful treatment.





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