Special Issue

New Pacing Techniques and Non-invasive Methods That May Improve Response and Patient Selection to Cardiac Resynchronization Therapy

Message from the Guest Editor

The non-response rate to CRT remains at 20-40% for cardiac resynchronization therapy (CRT). This non-negligible non-response to CRT is due to the currently nonoptimal recommended criteria for CRT patient selection (QRS duration and morphology, left ventricular ejection fraction), and the application of pacing techniques other than the one currently applied might be more beneficial for some patients. This Special Issue aims to provide an overview of the promising results of newer pacing techniques, such as conduction system pacing (His bundle pacing, left bundle branch area pacing), which can be applied novel non-invasive CTR (electrocardiographic, echocardiographic) methods. These non-invasive methods may improve patient selection for CRT by better assessing the main determinant of the CRT response, the presence or absence of significant electrical (and consequential mechanical) ventricular dyssynchrony and the ability of the applied technique to eliminate it than the currently recommended criteria. This Special Issue offers cardiologists insight into the latest promising methods that may improve responses to CRT.

Guest Editor

Dr. András Vereckei
Department of Medicine and Hematology, Semmelweis University, 1088 Budapest, Hungary

Deadline for manuscript submissions

closed (31 January 2024)

Journal of Cardiovascular Development and Disease

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 3.7
Indexed in PubMed

mdpi.com/si/129383

Journal of Cardiovascular Development and Disease
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcdd@mdpi.com

mdpi.com/journal/jcdd

Journal of Cardiovascular Development and Disease

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 3.7
Indexed in PubMed

mdpi.com/journal/jcdd

MDPI

About the Journal

Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (*JCDD*, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to *JCDD* undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. *JCDD* guarantees fast dissemination of results to a large scientific audience

Editor-in-Chief

Prof. Dr. Thomas Brand
National Heart & Lung Institute, Imperial College London, South Kensington Campus, London SW7 2AZ, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cardiac and Cardiovascular Systems) / CiteScore - Q2 (General Pharmacology, Toxicology and Pharmaceutics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).