

Special Issue

Visualizing Cardiac Function: Advances in Modern Imaging Diagnostics

Message from the Guest Editors

Understanding and quantifying cardiac function is fundamental to diagnosing and managing cardiovascular disease. In recent years, advances in noninvasive imaging have revolutionized the way we visualize the beating heart—allowing for more detailed assessment of anatomy, mechanics, and flow. This Special Issue focuses on recent innovations in echocardiography, cardiac magnetic resonance (CMR), and computed tomography (CT), as well as emerging techniques such as 3D and 4D imaging, myocardial strain analysis, and artificial intelligence–driven image interpretation. We invite original research and review articles that explore how these modalities contribute to the evaluation of ventricular and atrial performance, myocardial deformation, valvular dynamics, and tissue characterization. Contributions addressing novel imaging biomarkers for heart failure, congenital and valvular heart disease, cardiomyopathies, and ischemic heart disease are particularly welcome.

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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