



diagnostics



Special Issue Reprint

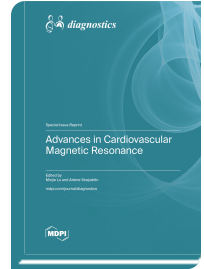
Advances in Cardiovascular Magnetic Resonance

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Edited by

Minjie Lu

Arlene Sirajuddin



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Cardiovascular disease remains the leading cause of death worldwide. Cardiovascular magnetic resonance (CMR) imaging is a versatile and non-invasive imaging modality that accurately diagnoses and characterizes cardiovascular disease. CMR is widely accepted as the gold standard for the evaluation of cardiac function. CMR can also characterize various conditions affecting myocardial tissue such as inflammation, edema, necrosis, and fibrosis. Recently, new techniques including T1 mapping, extracellular volume fraction, myocardial strain, 4D flow, DWI/DTI, and chemical exchange saturation transfer (CEST) have further expanded the role of CMR in the diagnosis, risk stratification, and management of cardiovascular diseases. In this Special Issue entitled “Advances in Cardiovascular Magnetic Resonance”, we collected one interesting images, two reviews and eleven research articles in the areas of MRI in the area of evaluating cardiac function, various types of cardiomyopathy, etc. The published studies in this Special Issue provide great insights into the latest knowledge about the application of CMR.



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