



New insight in Cardiovascular Imaging

We are pleased to announce the special issue “New Insight in Cardiovascular Imaging”. Cardiac imaging modalities play an increasingly important role in the diagnosis and prediction of cardiovascular disease. Advancements in these imaging modalities including echocardiography, CT, MRI and nuclear medicine including hybrid imaging have significantly improved their diagnostic accuracy which is represented in not only the morphology and structure assessment, but also the function assessment of cardiovascular disease. Further, novel imaging tools allow for early detection and quantification of cardiovascular disease, thus improving the patient’s prognostic outcomes. This special issue aims to create a platform for researchers from different disciplines to share their recent research outputs on the use of latest imaging modalities in cardiovascular disease.

Potential topics include, but not limited to:

- Quantitative assessment of cardiovascular disease using cardiac CT, MRI, echocardiography, SPECT/PET
- New diagnostic modalities including dual-energy CT for detection of extracellular volume (ECV) and shear wave imaging by ultrasound in myocardial stiffness
- Diagnostic efficacy and strategy for coronary artery disease with use of FFRCT including the use of machine learning or deep learning tools
- Tissue characterization by Cardiac MR T1 mapping in cardiovascular disease
- 3D printing in cardiovascular disease
- Virtual reality and augmented reality in cardiovascular disease

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Message from the Editor-in-Chief

Reviews in Cardiovascular Medicine was launched in 2000 by MedReviews, LLC, in New York, NY. This journal was conceived to fill a critical gap for clinicians who were struggling with a rapidly expanding knowledge base in cardiovascular medicine with the convergence of basic science, clinical epidemiology, and therapeutic clinical trials. The founding co-editors were David P. Faxon, MD, past president of the American Heart Association, and Norman E. Lepor, MD, who is considered a luminary in interventional cardiology. The contributing editorial board grew over time and Dr. Peter A. McCullough, MD, MPH ascended from contributing, to associate, to co-editor of the Journal. In 2018, the Journal took its next big step under the leadership of Dr. McCullough as editor-in-chief to become a truly international publication. Its offices moved to IMR Press in Hong Kong, and the editorial board was made more inclusive and representative of the world-wide contributors in academic cardiology. Additionally, the journal brought on expertise in translational medicine to help face the future of molecular medicine and its role in cardiovascular disease. Today *Reviews in Cardiovascular Medicine* is considered a top tier journal in cardiology with timely and comprehensive reviews covering all aspects of cardiovascular medicine including atherosclerosis, myocardial disease, arrhythmias, and valvular heart disease. The scope of papers ranges from population science, applied basic investigation, in-vitro diagnostics, and evidence-based strategy and therapeutic trials involving both pharmacologic intervention and interventional devices. The highly integrative style of the Journal anchored with evidence tables and instructive figures has garnered many citations over the years and many guidelines documents have relied upon works published in *Reviews in Cardiovascular Medicine*. Supplement and focus issues have been very popular among the readership and often are viewed as the most up-to-date compilations of new knowledge in cardiology and related specialities. The future is bright for academic cardiovascular medicine and *Reviews in Cardiovascular Medicine* is well positioned along side the clinician-investigator in the years to come as a trusted source of critical information and analysis.

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