



Cardiovascular Computed Tomography in Clinical Practice

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Message from the Guest Editors

During the last 20 years, cardiac computed tomography (CCT) has emerged as a technique that can provide crucial diagnostic and prognostic information in different clinical scenarios. CCT is now recommended by the international scientific society as a key tool in patients with acute and chronic coronary artery disease (CAD). Moreover, recent developments such as the study of myocardial perfusion and fractional flow reserve have transformed CCT into a one-stop test able to offer all the anatomical and functional information to guide the management of patients with CAD. Finally, there is increasing evidence that CCT can be used for tissue characterization with remarkable clinical value, including the assessment of ischemic and non-ischemic cardiomyopathies.

This Special Issue aims to discuss the potential and challenges of new and established clinical applications of cardiovascular CT.

- cardiac computed tomography (CCT)
- coronary artery disease
- structural heart disease
- congenital heart disease
- atherosclerosis
- plaque composition
- pericoronary fat inflammation
- ischemic and non-ischemic cardiomyopathies



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