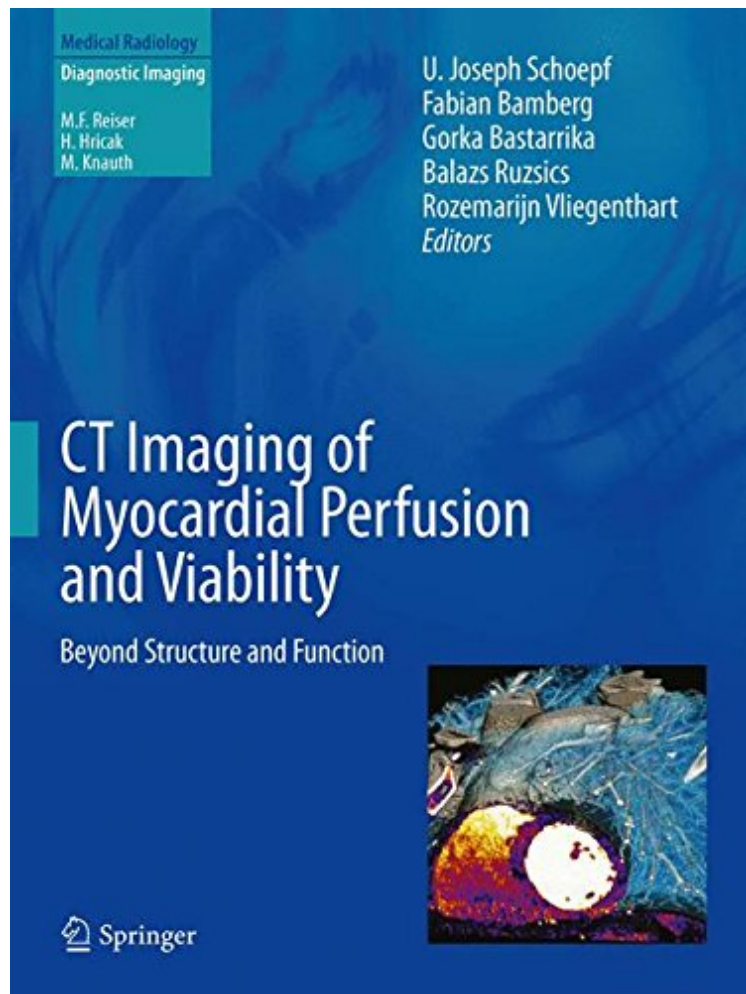


(Read free) CT Imaging of Myocardial Perfusion and Viability: Beyond Structure and Function (Medical Radiology)

## CT Imaging of Myocardial Perfusion and Viability: Beyond Structure and Function (Medical Radiology)

*From Springer*

*ePub | \*DOC | audiobook | ebooks | Download PDF*



DOWNLOAD



READ ONLINE

#5507438 in Books 2013-11-23Original language:EnglishPDF # 1 11.20 x .60 x 8.50l, 1.30 #File Name: 364233878X240 pages | File size: 64.Mb

**From Springer :** CT Imaging of Myocardial Perfusion and Viability: Beyond Structure and Function (Medical Radiology) before purchasing it in order to gage whether or not it would be worth my time, and all praised CT Imaging of Myocardial Perfusion and Viability: Beyond Structure and Function (Medical Radiology):

Recent research has identified the assessment of myocardial perfusion and viability as another promising CT application for the comprehensive diagnosis of coronary heart disease. In this book, the first to be devoted to this novel

application of CT, leading experts from across the world present up-to-date information and consider future directions. After short sections outlining the state of the art in the traditional applications of CT to image structure and function, the full range of CT techniques that may be employed to evaluate the myocardial blood supply are discussed in detail. Similarly, diverse CT approaches for the assessment of myocardial viability are described, with careful consideration of the available experimental and clinical evidence and the role of quantitative imaging. Protocol recommendations that will be of invaluable practical assistance are also provided.

From the Back CoverThe rapid evolution in cardiac computed tomography during the past decade has improved spatial and temporal resolution to the extent that cardiac CT is now an accepted alternative for the non-invasive interrogation of the heart. Beyond the assessment of cardiac structure and ventricular function, recent research has identified yet another promising CT application for the comprehensive diagnosis of coronary heart disease, namely the assessment of myocardial perfusion and viability. In this book, the first to be devoted to this novel application of CT, leading experts from across the world present up-to-date information and consider future directions. After short sections outlining the state of the art in the traditional applications of CT to image structure and function, the full range of CT techniques that may be employed to evaluate the myocardial blood supply are discussed in detail. Similarly, diverse CT approaches for the assessment of myocardial viability are described, with careful consideration of the available experimental and clinical evidence and the role of quantitative imaging.