

# Preface

This book has been created as a primer to help cardiologists, radiologists, and other cardiac-imaging enthusiasts to have a handy reference tool for the answers to important questions related to cardiovascular computed tomography (CCT). CCT has evolved from novel technology to research tool to essential clinical imaging modality at an astounding pace. The technology has great relevance for the multitude of medical and surgical disciplines focused on the treatment of cardiovascular disease. Imaging of anatomy, physiology, and tissue characteristics from large-to-small vessel within seconds, and reconstruction to multimodal 2- and 3-D images within minutes, has facilitated practical clinical applications important to cardiovascular diagnosis, risk stratification, and procedure guidance. The new wave in technology requires education and training of initial generations of readers and users of CCT focused on providing an understanding of the essentials of methodology, technique, and image analysis for clinical application. This text serves as a primer for the practical performance and interpretation of CCT. The breadth and depth of the knowledge of the individual authors have provided concise chapters on essential topics, with additional teaching pearls as well as key images.

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