

Clinical Cardiac CT

Author(s): Halpern
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Reviewed by: Dr Trupti Kulkarni, Radiology Registrar, University Hospital Aintree



Ethan Halpern is professor of radiology and director of cardiac CT at Thomas Jefferson University, Pennsylvania.

CT evaluation of any organ system needs a good knowledge of related radiological anatomy. In the case of the heart, knowledge of function is as essential as anatomy. This book has detailed both the anatomy and function with clear chapter headings including the basics – normal coronary anatomy, morphology and function, coronary artery disease and bypass grafts. Topics such as valve assessment, congenital heart disease in the adult and triple rule out CT angiography for evaluation of acute chest pain serve to address specific issues and provide a problem solving approach.

Each chapter is followed by an exhaustive reference list for further reading.

There is a good balance between the clinical and the technical and attention has been paid to the technical aspects of cardiac CT, explaining various practical points related to scan acquisition.

Specialist topics such as left atrial ablation and cardiac interventions provide a practical approach to scan reporting for surgical planning. For these reasons, the book will prove useful to the radiographer performing the scan, the trainee radiologist and the reporting radiologist in equal measure, albeit for differing reasons.

Although essentially a specialist volume, the book will appeal to those reporting cross-sectional chest imaging who will find the chapter on congenital heart disease in the adult and the chapter on the thoracic aorta interesting and informative.

The excellent picture quality and sheer volume of images nicely supplements the text. The text language itself is lucid and reader-friendly but the images hold centre stage and quite rightly so. The accompanying DVD should prove extremely helpful with its use of cine views for anatomy and function and is actually a visual treat with its easy navigation. The book is served well by a robust index of contents including an image index for the book and for the accompanying DVD.

All in all, the book is an excellent offering on CT and the cardiovascular system for use as a reference book, an atlas or a text. Although at a price of €139.95, it is certainly not inexpensive, the content ensures it is money well-spent. The book will be a fine addition to the radiology library of any hospital performing cardiac CT or looking to perform such imaging.