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Titolo	Practical Textbook of Cardiac CT and MRI // edited by Tae-Hwan Lim
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ISBN	9783642363979 3-642-36396-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (330 p.)
Disciplina	610 616.0757 616.12
Soggetti	Radiology Cardiology Imaging / Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Part I: Coronary artery imaging -- Chapter 1: Normal anatomy, variations and anomalies -- Chapter 2: Atherosclerotic coronary artery disease -- 2-1 Calcium scoring -- 2-2 Determination of coronary artery stenosis by CT -- 2-3 Plaque morphology evaluation by CT -- 2-4 MR coronary angiography -- Chapter 3: Non-atherosclerotic coronary artery disease -- Chapter 4: Imaging of coronary revascularization: stent and CABG -- Part II: Ischemic Heart disease -- Chapter 5: Assessment of myocardial ischemia, non-MI -- Chapter 6: Acute MI -- Chapter 7: Chronic ischemic cardiomyopathy -- Part III: Non-Ischemic Cardiomyopathy -- Chapter 8: Dilated cardiomyopathy -- Chapter 9: Hypertrophic cardiomyopathy -- Chapter 10: Restrictive cardiomyopathy -- Chapter 11: Myocarditis and Other Cardiomyopathies -- Part IV: Valvular Heart Disease -- Chapter 12: Aortic valvular heart disease -- Chapter 13: Non-aortic valvular heart disease -- Part V: Cardiac tumor -- Chapter 14: Cardiac tumor -- Part VI: Pericardial Disease -- Chapter 15: Pericardial Disease -- Part VII: Technical Overviews -- Chapter 16: Technical Overviews.
Sommario/riassunto	This up-to-date textbook comprehensively reviews all aspects of

cardiac CT and MRI and demonstrates the value of these techniques in clinical practice. A wide range of applications are considered, including imaging of atherosclerotic and non-atherosclerotic coronary artery disease, coronary revascularization, ischemic heart disease, non-ischemic cardiomyopathy, valvular heart disease, cardiac tumors, and pericardial disease. The numerous high-quality images illustrate how to interpret cardiac CT and MRI correctly for the purposes of diagnosis, treatment planning, and follow-up. Helpful summarizing sections in every chapter will facilitate rapid retrieval of information. This book will be of great value to radiologists and cardiologists seeking a reliable guide to the optimal use of cardiac CT and MRI in real clinical situations. An additional feature is the provision of QR codes allowing internet access to references, further figures, and motion pictures. The reader will be able to enjoy this book using a smartphone or tablet PC.

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