

1. Record Nr.	UNINA9910416135703321
Titolo	Cardiac CT [[electronic resource] ] : Diagnostic Guide and Cases // edited by Zheng-yu Jin, Bin Lu, Yining Wang
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-5305-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 186 p.)
Disciplina	616.120757
Soggetti	Cardiac imaging Cardiology Cardiac Imaging Malalties cardiovasculars Tomografia Cardiologia Diagnòstic per la imatge Històries clíniques Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Reversible myocardial ischemia -- Myocardial infarction -- Coronary artery stent implantation -- Coronary artery in-stent restenosis -- Dual-energy evaluation of high calcium score (>400) coronary artery -- Dual-energy evaluation of coronary artery stent -- Coronary artery bypass grafting -- Familial Hypercholesterolemia (FH) -- Takayasu's arteritis -- Kawasaki disease (KD) -- Behcets disease (BD) -- Fibromuscular Dysplasia -- Coronary artery origin anomalies (CAOA) -- Coronary artery fistula (CAF) -- Endocardial cushion defect (ECD) -- Aortopulmonary window (APW) -- Anomalous pulmonary venous connection (APVC) -- Cor triatriatum -- Double outlet right ventricle (DORV) -- Atrial septal defect (ASD) -- Ventricular septal defect (VSD) -- Patent ductus arteriosus (PDA) -- Tetralogy of fallot (TOF) -- Myxoma -- Rhabdomyoma -- Paraganglioma -- Fibroma -- Mesothelioma -- Hypertrophic cardiomyopathy (HCM) -- Dilated cardiomyopathy (DCM) -- Restrictive cardiomyopathy (RCM) -- Left

ventricular noncompaction (LVNC).

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Sommario/riassunto

Over the past few decades there have been major advances in computed tomography (CT) to improve the performance of cardiac imaging. Thanks to the improved scanning speed, power boost tubes, and increased-width detectors, the latest CT technology delivers greater coverage, better spatial and temporal resolution, and functional information on cardiac diseases. Focusing on cardiac CT imaging, this book offers case-based information on cardiac diseases, presents the current technical status, and highlights applications, helping readers systematically understand how cardiac CTs are performed and interpreted in clinical practice. Divided into six chapters, it broadly discusses the characteristics of CT imaging and its applications to coronary artery disease (CAD); non-atherosclerotic coronary artery disease; congenital heart disease; cardiac neoplasms; cardiomyopathy and aortic diseases.

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