

1. Record Nr.	UNINA9910300348203321
Titolo	Clinical Echocardiography and Other Imaging Techniques in Cardiomyopathies // edited by Bruno Pinamonti, Gianfranco Sinagra
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-06019-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (284 p.)
Disciplina	616.1207543
Soggetti	Cardiology Medicine Radiology Medicine/Public Health, general Diagnostic 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 CARDIOMYOPATHIES 1 Cardiomyopathies: Clinical relevance, epidemiology, definition and classification -- 2 Genetics: Genotype/phenotype correlations in cardiomyopathies -- 3 Role of basic and advanced imaging in cardiomyopathies -- PART II DILATED CARDIOMIOPATHY 4 Dilated Cardiomyopathy: Clinical assessment and differential diagnosis -- 5 Basic echocardiography in dilated cardiomyopathy -- 6 Advanced echocardiographic technologies in dilated cardiomyopathy -- 7 Other imaging techniques in dilated cardiomyopathy -- 8 Dilated cardiomyopathy: Usefulness of imaging in prognostic stratification and choice of treatment -- PART III HYPERTROPHIC CARDIOMYOPATHY -- 9 Hypertrophic cardiomyopathy: Clinical assessment and differential diagnosis -- 10 Basic echocardiography in hypertrophic cardiomyopathy -- 11 Advanced echocardiographic technologies in cypertrrophic cardiomyopathy -- 12 Other imaging techniques in the assessment of hypertrophic cardiomyopathy -- 13 Usefulness of imaging in prognostic stratification and choice of treatment in hypertrophic cardiomyopathy -- PART IV ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY 14 Arrhythmogenic Right Ventricular Cardiomyopathy: Clinical

assessment and differential diagnosis -- 15 Basic echocardiography in Arrhythmogenic Right Ventricular Cardiomyopathy -- 16 Advanced echocardiographic technologies in Arrhythmogenic Right Ventricular Cardiomyopathy -- 17 Other imaging techniques in the assessment of arrhythmogenic right ventricular cardiomyopathy -- 18 Arrhythmogenic Right Ventricular Cardiomyopathy: Usefulness of imaging in prognostic stratification and choice of treatment -- PART V RESTRICTIVE, INFILTRATIVE/STORAGE AND OTHER CARDIOMYOPATHIES 19 Restrictive Cardiomyopathy: Clinical assessment and imaging in diagnosis and patient management -- 20 Infiltrative/Storage Cardiomyopathies: Clinical assessment and imaging in diagnosis and patient management -- 21 Other Cardiomyopathies: Clinical assessment and imaging in diagnosis and patient management.

Sommario/riassunto

This book describes the role of basic and advanced imaging techniques in the diagnosis of different types of cardiomyopathy, including dilated cardiomyopathy, hypertrophic cardiomyopathy, restrictive cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy and infiltrative/storage cardiomyopathies. While the main focus is on echocardiography, the applications of cardiac magnetic resonance imaging and computed tomography are also described. Throughout, a clinically oriented approach is employed: detailed attention is paid to differential diagnosis and numerous high-quality images depict the main features of the various types of cardiomyopathy. Consideration is also given to the genetics of cardiomyopathies, with analysis of genotype-phenotype relationships. Finally, the potential value of imaging in prognostic assessment and in guiding treatment is described.
