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Titolo	Current Approach to Heart Failure / / edited by Maria Dorobanu, Frank Ruschitzka, Marco Metra
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ISBN	3-319-45237-1
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (IX, 642 p. 110 illus., 30 illus. in color.)
Disciplina	616.12
Soggetti	Cardiology Nephrology Heart - Surgery Anesthesiology Cardiac Surgery Insuficiència cardíaca Fisiologia patològica Terapèutica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Evolving concepts on the basic mechanisms of heart failure -- Assessment of left ventricular systolic and diastolic dysfunction -- Right ventricular dysfunction in heart failure -- The role of atrial functional assessment in heart failure -- Assessment of secondary mitral regurgitation -- Assessment of left ventricular contractile reserve in heart failure -- Role of cardiac magnetic resonance imaging in heart failure -- The evolving role of multimodality imaging in heart failure -- Contemporary pharmacological treatment of heart failure -- Myocardial revascularization in heart failure -- Approach to arrhythmia in heart failure -- Implantable defibrillator therapy -- Cardiac resynchronization therapy -- Mechanical circulatory support -- Cell and gene therapy in heart failure -- Valvular Surgery in Heart Failure -- Percutaneous Valvular Therapies in Heart Failure -- Pretransplant

evaluation -- Strategies for improving outcomes in heart transplantation -- Heart failure and hypertension -- Right heart failure -- Acute heart failure -- Heart failure in oncologic patients -- Iron Deficiency in Heart Failure -- The kidney and electrolyte imbalances in heart failure -- Prognostic factors and risk scores in heart failure -- Rehabilitation therapy in patients with heart failure. .

#### Sommario/riassunto

This book is intended to be a link between guidelines and clinical practice, a complementary tool to help physicians to be well informed regarding the important field of heart failure. It will be a useful tool for professionals from all the fields of cardiology: non-invasive cardiology, interventional cardiology, electrophysiology and cardiovascular imaging. The topic of heart failure is continuously changing, with new important information being added constantly. The pathophysiology is better understood and there is a trend for a better characterization of special groups of population, such as oncologic patients with heart failure. The new imaging techniques have become valuable tools for the diagnosis of heart failure, while pharmacological and novel cell and gene treatments have evolved enormously. The challenge for the practitioners is making the right selection of treatment strategy that best fits a patient. This book presents detailed information on the indications, selection and mechanism of action of these treatments, whether they be mechanical circulatory devices or pharmacological treatments. The contemporary pharmacological and non-pharmacological management of heart failure has the main target of early prevention of disease progression and the avoidance of heart transplant. In the era of shortage of donors, prevention is the mainstay of the therapeutic strategy, and this is the main philosophy of our book.