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Titolo	Congestive Heart Failure and Cardiac Transplantation : Clinical, Pathology, Imaging and Molecular Profiles / / edited by Daniel J. Garry, Robert F. Wilson, Zeev Vlodaver
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Descrizione fisica	1 online resource (XVI, 572 p. 237 illus., 141 illus. in color.)
Disciplina	616.12
Soggetti	Cardiology Transplantation of organs, tissues, etc Surgery Heart - Surgery Transplantation Cardiac Surgery
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	A Historical Overview of Cardiovascular Medicine and Heart Failure -- Physiology of the Normal and Failing Heart -- Molecular Biology of the Normal and Failing Heart -- Pathology of Ischemic Heart Disease -- The Pathology of Cardiomyopathies -- Epidemiology of Heart Failure -- Acute Heart Failure -- Ischemic Cardiomyopathy -- Valvular Cardiomyopathy -- Molecular Mechanism of Sarcomeric Cardiomyopathies -- Right Heart Failure -- Neuromuscular Cardiomyopathies -- Heart Failure with Preserved Ejection Fraction (HFpEF) -- Myocardial Viability and Imaging in the Failing Heart -- Cardiorenal Syndrome and Heart Failure -- Neurohormonal Activation and the Management of Heart Failure -- Remodeling in the Development of Chronic Systolic Heart Failure: Implication for Treatment -- Heart Failure Prevention -- Arrhythmias in Cardiomyopathy -- Peripartum Cardiomyopathy -- Advanced Therapies: Cardiac Resynchronization Therapy for Heart Failure -- Ventricular Assist Devices for Advanced Heart Failure -- Regenerative

Mechanisms of the Adult Injured and Failing Heart -- Cell therapy and heart failure -- History of Cardiac Transplantation: Research, Discoveries and Pioneers -- Orthotopic Heart Transplantation: A Surgical Perspective -- Cardiac Transplantation: Immunobiology and Immunotherapy -- Cardiac Transplantation Pathology -- Management of the Post-transplant Cardiac Patient -- Adult Orthotopic Heart Transplantation: Early Complications -- Late Complications Following Heart Transplantation -- Heart Transplantation and Antibody-Mediated Rejection -- Heart and Heart-lung Transplantation in Adults with Congenital Heart Disease -- Cardiac Xenotransplantation. .

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#### Sommario/riassunto

This book is a comprehensive overview of heart failure and cardiac transplantation and integrates scientific and clinical information about the physiology, pathophysiology, diagnosis, and treatment of this disorder. Organized into five parts, it reviews the history and basic mechanisms of heart failure; etiology of heart failure; heart failure disease progression; advanced therapies for heart failure; and cardiac transplantation. The book presents basic concepts in the physiology, molecular biology, pathology, and epidemiology of the normal and failing heart; known causes of heart failure, such as right heart failure, valvular cardiomyopathy, molecular mechanisms of sarcomeric cardiomyopathies, and neuromuscular cardiomyopathy; cardiorenal syndrome; neurohormonal activation; cardiac resynchronization, ventricular assist devices; regenerative mechanisms; orthotopic heart transplantation; early and late management of the post-transplant patient; heart transplantation and antibody-mediated rejections; heart-lung transplantation; and cardiac xenotransplantation. Featuring contributions from leaders in the fields of heart failure, cardiac transplantation, cardiac pathology, and cardiovascular molecular research, *Congestive Heart Failure and Cardiac Transplantation* is a valuable compendium for cardiologists, cardiothoracic surgeons, researchers, trainees, and students. .

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