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Nota di contenuto	Pathophysiology of Heart Failure: Back to Basics -- Heart Failure with Normal Left Ventricular Ejection Fraction – Basic Principles and Clinical Diagnostics -- 17 Cardiorenal Syndrome Revisited -- Doppler Echocardiography in the Clinical Evaluation of Heart Failure: What Clinicians Need to know and Echocardiographers Should Report -- Back to Earth: 'Common sense' in the Management of Heart Failure -- Atrial Fibrillation and Heart Failure: Rate versus Rhythm Control -- Repetitive ICD Shocks and Incessant VTs in Heart Failure: What to Do? -- Dyssynchronous Heart Failure: From Bench to Bedside -- 18 Telemonitoring and Sensor Technologies in Chronic Heart Failure -- Functional Mitral Regurgitation: the Surgeon's Perspective -- Percutaneous Approaches to Treat Functional Mitral Regurgitation: Current State of Affairs and Future Perspectives -- Tailored Approach to Functional Mitral Regurgitation -- Revascularization and Left Ventricular Reconstruction in a Patient with Ischemic Heart Failure: to STICH or not to STICH? -- Cardiac arrest en Refractory Cardiogenic Shock -- Left Ventricular Assist Devices – From Bridge to Transplant to Destination Therapy -- Novel Device-based Strategies in Treatment of Chronic Heart Failure -- Total Artificial Heart -- Stem Cell Therapy for Ischemic Heart Disease -- Immunosuppressive Management of the Heart Transplant Recipient.

Sommario/riassunto

This book reviews multidisciplinary and translational state-of-the-art management of heart failure with emphasis on burning clinical questions and challenges faced by the heart team. The refined pathophysiological understanding of the heart failure syndrome together with the surge of new technological advances led to innovative medical and interventional treatment strategies improving the outcome of heart failure patients. However the complex interplay between the clinical presentation and the array of the interventions requires a coordinated multidisciplinary “heart team” approach involving various specialists in the cardiovascular field including clinicians, interventionalists, surgeons and cardiac intensivists. In this book, opinion leaders will review of state-of-the-art management of heart failure with particular emphasis on burning clinical questions and challenges faced by the heart team. New medical and interventional therapies for chronic and acute heart failure are addressed by bridging bench to bedside translation in science and technology into practical clinical application and guidance.
