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Titolo	Hypertrophic Cardiomyopathy : Foreword by Bernard Gersh and Historical Context by Eugene Braunwald // edited by Srihari S. Naidu
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Foreword -- Hypertrophic Cardiomyopathy: The Past, The Present, and The Future -- Natural History of Untreated Hypertrophic Cardiomyopathy -- Pathology & Pathophysiology -- Approach to Diagnosis: Echocardiography -- Cardiac MRI in Diagnosis and Management -- Genetics of HCM and Role of Genetic Testing -- Assessment of Heart Failure: Invasive and Non-invasive Methods -- Assessment of Syncope -- Pediatric Diagnosis and Management -- Sudden Cardiac Death Risk Assessment -- Youth and Athletic Screening: Rationale, Methods and Outcome -- Lifestyle Modification: Diet, Exercise, Sports and Other Issues -- Family Screening: Who, When and How -- Medical Therapy: From Beta-Blockers to Disopyramide -- Indications and Outcome of PPM and ICD Placement -- Management of Arrhythmia: Medications, Electrophysiology Studies and Ablation -- Indications for and Individualization of Septal Reduction Therapy -- Surgical Myectomy and Associated Procedures: Techniques and Outcomes -- Alcohol Septal Ablation: Technique and Outcome -- End-

Stage Diastolic and Systolic Heart Failure: Evaluation and Timing of Heart Transplantation -- Approach to the Initial and Follow-Up Visits -- Evaluation and Management of Hypertrophic Cardiomyopathy Patients through Noncardiac Surgery and Pregnancy -- Constructing a Hypertrophic Cardiomyopathy Center of Excellence -- Longitudinal Case-Based Presentations in HCM.

Sommario/riassunto

This book provides a comprehensive clinical review of Hypertrophic Cardiomyopathy (HCM), the most common genetic disorder of the heart characterized by dysfunctional contractility at the sarcomere level, resulting in the development of abnormal and occasionally focal hypertrophy on a macroscopic level. Editor, Srihari S. Naidu, has brought together a world renowned group of experts to review various different topics but, with a practical focus that will enable readers to establish the evidence-based best practice in any potential scenario. Treatment modalities including medications, pacemakers and defibrillators, and invasive septal reduction therapy (both surgical myectomy and alcohol septal ablation) will be discussed. Chapters on genetics, family screening, lifestyle concerns, and athletic screening have additionally been added given the ongoing controversies and differences of opinion on many of these issues. Each chapter within Hypertrophic Cardiomyopathy begins with key points of knowledge and ends with clinical pearls that have not previously been disseminated to the wider community. The practical approach of the entire book continues with dedicated chapters on creating a Center of Excellence, including how to facilitate the multi-disciplinary approach, and on case-based reviews and discussions allowing readers to further understand how to integrate the knowledge gained from each chapter into the comprehensive and longitudinal care of the individual patient and family. The last chapter takes the reader through the management of actual patients, showing over decades the nuances to diagnosis and management and the sometimes abrupt changes in the course of their diseases that necessitate correspondingly abrupt modifications in treatment. This book will be an essential text for Trainees, Fellows, Residents and board-certified physicians in cardiology, interventional cardiology, cardiac surgery, cardiac imaging, sports medicine, paediatric cardiology, genetics and genetic counselling, and electrophysiology. .
