DESCRIPTION

Diagnosis and Management of Hypertrophic Cardiomyopathy is a unique, multi-authored compendium of information regarding the complexities of clinical and genetic diagnosis, natural history, and management of hypertrophic cardiomyopathy (HCM)—the most common and important of the genetic cardiovascular diseases—as well as related issues impacting the health of trained athletes.

Edited by Dr. Barry J. Maron, a world authority on HCM, and with major contributions from all of the international experts in this field, this book provides a single comprehensive source of information concerning HCM. Recent advances in the field are discussed, including the importance of left ventricular outflow tract obstruction, the use of implantable defibrillators for the prevention of sudden death in young people, definition of the genetic basis for HCM and its role in clinical diagnosis and risk stratification, the development of more precise strategies for assessing the level of risk for sudden death among all patients with HCM, and the evolution of invasive interventions for heart failure symptoms, such as surgical management and its alternatives (alcohol septal ablation and dual-chamber pacing).

Key Features:
• Contributions from *all* experts in the field, representing diverse viewpoints regarding this heterogeneous disease and related issues in athletes

• Information to dispel misunderstandings regarding issues associated with HCM and cardiovascular disease in athletes

• The only comprehensive source of information available on the topic

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**ABOUT THE AUTHOR**

A unique, multi-authored compendium of information (edited by Dr. Barry J. Maron) regarding the complexities of clinical and genetic diagnosis, natural history and management of hypertrophic cardiomyopathy (HCM) - - - the most common and important of the genetic cardiovascular diseases, as well as related issues impacting the health of trained athletes. The contributions are from all of the international experts in this field.

**Major purpose**

To provide a single comprehensive source of information, including differing viewpoints, concerning HCM as well as cardiovascular disease in athletes - - - for clinical and research cardiologists, primary care physicians, and basic scientists, and written and assembled by all the experts in the field.

**3 features**

1. The book literally includes the contributions of all experts in the field and therefore can be regarded as truly comprehensive, taking into account sometimes diverse viewpoints regarding this heterogeneous disease (i.e., HCM) and related issues in athletes.

2. There is no other available source that comes remotely close...so it is a novel undertaking.
3. Because there is so much misunderstanding regarding the aforementioned issues in the physician community...and because these are not clinical problems necessarily encountered on a daily basis by most practicing physicians...this book becomes a particularly important source to interested parties - - - i.e., information they may not be able to assemble easily in any other way.

Recent advances of note

1. Use of implantable defibrillator in HCM for prevention of sudden death in young people.

2. Introduction of catheter-based alcohol septal ablation to reduce obstruction and symptoms as a treatment alternative to surgery for some HCM patients.

3. Definition of the genetic basis for HCM and its role in clinical diagnosis and risk stratification.

4. Development of more precise strategies for assessing the level of risk for sudden death among all patients with HCM.

5. More precise definition of the relatively high frequency with which HCM occurs in the general population.

Special emphasis

All of the above, plus: the septal myectomy operation remains the gold standard for the severely symptomatic patient with obstruction, refractory to medications.

FEATURES

• Provides a comprehensive presentation including clinical and genetic aspects of the disease, natural history, and new information regarding risk stratification for and prevention of sudden death

• An outstanding state of the art clinical monograph has been compiled by the major international authorities to provide a practical summary of the ever-changing disease spectrum of hypertrophic cardiomyopathy
• This book will serve as an important reference document for many years to come

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