

Management Of Arterial Hypertension Pocket Guidelines 2013

Part of the popular Pocket Notebook Series, Pocket ICU, Second Edition provides concise, evidence-based information for critical care students, interns, residents, and professionals at all levels of experience. Now fully revised and up to date, this portable handbook can be used for quick, easy reference both in the wards and in the operating room.

An accessible reference text to help clinicians in all relevant specialties understand how to diagnose and manage the conditions of pulmonary hypertension and pulmonary arterial hypertension, including information on when and whom to refer patients to.

These pocket guidelines provide evidence-based guidance on how to reduce the incidence of first and recurrent clinical events due to coronary heart disease (CHD), cerebrovascular disease (CeVD) and peripheral vascular disease in two categories of people. These guidelines can be used by physician and non-physician health workers, in all levels of health care including primary care. Hypertension, diabetes or established cardiovascular disease may be used as entry points for implementing these guidelines. The risk prediction charts given in these guidelines are provided for different parts of the world. These guidelines are valid for the African region. Companion volume: Prevention of Cardiovascular Diseases. Guidelines for assessment and management of total cardiovascular risk

Clinical Cardiology: Current Practice Guidelines Updated Edition is an essential tool for the busy clinician, offering succinct yet detailed access to the most recent trial and guideline data supporting practice and patient management in cardiology. ESC and ACC/AHA guidelines are continually updated and often overlap in their advice, making it difficult for the cardiologist to obtain a clear picture of the right way to diagnose and treat disease according to the latest evidence base. Written by leading authorities in the field, this book, together with its regularly-updated online version, provides a unique solution. The authors have scrutinized all available guidelines and research from both ACC/AHA and ESC on every clinical issue. The result is a rigorous examination of the implications of published guidance, illustrated by more than 600 easy-to-follow tables and 200 full-colour images, which reinforce key points and clarify difficult concepts. 87 comprehensive chapters explore the definition, epidemiology, pathophysiology, diagnosis and management of cardiac disease. Two new chapters examine the univentricular heart and venous thrombembolism. Each chapter encompasses the latest published research, followed by discussions of possible presentations and investigations, offering detailed insights for clinicians into best practice for diagnosis and treatment. Providing at-a-glance access to the best guidance in cardiology, this book offers a diagnosis and management toolkit which no practising cardiologist can afford to be without. Inside the Fourth Edition of the Manual of Cardiovascular Medicine, you'll find practical and effective approaches to common clinical syndromes—including clear guidance on administration of commonly prescribed medications and descriptions of proven therapeutic procedures. This best selling manual's concise outline format and colorful design make essential facts easy to find. An ideal reference for the resident, fellow, practicing cardiologist, or nurse-practitioner treating patients with cardiovascular disease.

This benchmark textbook for trainees and cardiologists throughout Europe and elsewhere is now fully revised and updated. Mapped closely to the European Society of Cardiology Core Curriculum, supplemented with videos and downloadable images and accompanied by a fully searchable online version with linked full reference listings. Enhanced with EBAC accredited CME self-assessment.

This book by the National Institutes of Health (Publication 06-4082) and the National Heart, Lung, and Blood Institute provides information and effective ways to work with your diet because what you choose to eat affects your chances of developing high blood pressure, or hypertension (the medical term). Recent studies show that blood pressure can be lowered by following the Dietary Approaches to Stop Hypertension (DASH) eating plan—and by eating less salt, also called sodium. While each step alone lowers blood pressure, the combination of the eating plan and a reduced sodium intake gives the biggest benefit and may help prevent the development of high blood pressure. This book, based on the DASH research findings, tells how to follow the DASH eating plan and reduce the amount of sodium you consume. It offers tips on how to start and stay on the eating plan, as well as a week of menus and some recipes. The menus and recipes are given for two levels of daily sodium consumption—2,300 and 1,500 milligrams per day. Twenty-three hundred milligrams is the highest level considered acceptable by the National High Blood Pressure Education Program. It is also the highest amount recommended for healthy Americans by the 2005 "U.S. Dietary Guidelines for Americans." The 1,500 milligram level can lower blood pressure further and more recently is the amount recommended by the Institute of Medicine as an adequate intake level and one that most people should try to achieve. The lower your salt intake is, the lower your blood pressure. Studies have found that the DASH menus containing 2,300 milligrams of sodium can lower blood pressure and that an even lower level of sodium, 1,500 milligrams, can further reduce blood pressure. All the menus are lower in sodium than what adults in the United States currently eat—about 4,200 milligrams per day in men and 3,300 milligrams per day in women. Those with high blood pressure and prehypertension may benefit especially from following the DASH eating plan and reducing their sodium intake.

Clinical Practice Manual for Pulmonary and Critical Care Medicine, by Judd W. Landsberg, MD, is a unique point-of-care manual that provides essential information on managing inpatients and outpatients with common, serious respiratory and internal medicine presentation and problems. Easy-to-follow diagnostic and therapeutic algorithms are accompanied by case-based illustrations encountered on a daily basis by attendings, fellows, residents, and students. The bulleted format, concise approach, and familiar examples provide a framework for effective teaching, learning, and patient care. Identifies common but important misconceptions that are regularly encountered in pulmonary and critical care training. Uses a concise, bulleted format throughout, helping you find key information quickly. Illustrates cases with primary data such as x-rays, monitor strips, ventilator wave forms, and other familiar documentation. Helps you develop your ability to

effectively explain your thought process in the clinical setting to other practitioners at the bedside. Serves as a 'teachers guide' for clinician educators, organizing topics in an easy to teach fashion, amenable to 'chalk talks' and bedside didactics Provides focused discussions of basic physiology and pathophysiology related to pulmonary and critical care medicine.

Diabetes mellitus is one of the most frequent chronic diseases affecting children and adolescents. The number of young children being diagnosed with type 1 diabetes is increasing worldwide and an epidemic of type 2 diabetes already at a young age is being

This practical volume highlights traditional, novel, and evolving aspects of the diagnosis and treatment of pulmonary embolism (PE). The contributors comprise an international team of experts. Important aspects of diagnosis, risk stratification, and differential treatment of patients with PE are presented in a concise, yet comprehensive manner. Emphasis is placed on specific issues related to PE, including pregnancy, cancer, thrombophilia, and air travel. This book provides a critical and comprehensive review of the methodologies available for measuring drug adherence in clinical practice, including those relying on emerging technologies. The authors discuss the risk factors of non-adherence and shed light on how to identify patients at risk of poor adherence. Drug therapies in chronic diseases rely heavily on the patient's adherence, since drugs that are not taken are ineffective and leave the patient at high risk of developing clinical complications. Given the absence of new drugs for the treatment of hypertension, drug adherence is particularly important in these patients to improve blood pressure control. The book further investigates a new aspect, namely the importance of drug adherence in clinical trials and studies and draws attention to the limits of developing drugs without significant information on drug adherence. Several chapters are dedicated to the importance of adherence in specific forms of hypertension, such as resistant hypertension, dyslipidemia and hypertension associated with cardiovascular risk. As experts confronted with drug adherence in their daily practice, the authors analyse the real effectiveness of several interventions aimed at improving drug adherence and put particular emphasis on the importance of an interdisciplinary approach involving nurses and pharmacists. The volume also includes a careful analysis of the health and economic impact of poor adherence. The book is aimed at physicians, pharmacists, students and all health professionals dealing not only with hypertension or dyslipidemia, but also with chronic asymptomatic diseases such as diabetes, HIV or chronic respiratory diseases.

Offers a current and comprehensive review of the pathophysiology, diagnosis, and treatment of pulmonary hypertension and venous thromboembolism. Discusses indepth the pharmacologic and non-pharmacologic therapies used in the treatment of pulmonary vascular disease -- including the benefits and risks of each -- allowing for more informed care decisions.

This best-selling resource provides a general overview and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and consolidated when appropriate to reinforce concepts.

This book serves as a pocket-sized resource to aid with the diagnosis and management of cardiovascular disease in the inpatient setting. Containing up-to-date information from guidelines and clinical trials, this book is the only handbook-style reference on cardiac care designed specifically for the hospitalist. The first section of the book covers cardiac pathology with an emphasis on evidence-based and guideline-based approaches to patient care. Each chapter focuses on a specific cardiovascular disease state such as acute coronary syndrome, atrial fibrillation, pulmonary hypertension, and aortic disease. The second section examines the differential diagnoses and recommended workup for common cardiac chief complaints including chest pain, palpitations, syncope, and dyspnea. The third and final section discusses indications and interpretation of commonly used cardiac procedures and imaging modalities. This book provides a concise review over a broad range of cardiovascular disease states in an accessible handbook-style to aid with the care of these patients. The Handbook of Inpatient Cardiology is an essential resource for physician hospitalists caring for cardiac patients on the medical ward in addition to cardiology physicians and trainees, affiliate providers, and students. A comprehensive review of all aspects of hypertension in the elderly using the most current clinical data. Topics range from basic concepts, epidemiology and trials, and evaluation and management, to pharmacologic treatment, special populations, and adherence, all presented with an emphasis on the optimal management of patients. The authors examine in detail the mechanisms of hypertension in the elderly, the lifestyle trials and outcomes trials that were conducted in older persons, as well as the problems of clinical evaluation, secondary hypertension, adherence, and target organ damage. Extensive discussions of pharmacologic therapy detail the role of all the major drug classes. A report on recommended clinical preventive services that should be provided to patients in the course of routine clinical care, including screening for vascular, neoplastic and infectious diseases, and metabolic, hematologic, ophthalmologic and ontologic, prenatal, and musculoskeletal disorders. Also, mental disorders and substance abuse, counseling, and immunizations/chemoprophylaxis. Tables.

This is a no-nonsense guide to drug treatment in the intensive care unit. It covers the most commonly encountered conditions and is organized by system. Management of each condition is tersely outlined step-by-step in table format. The book also includes non-drug information that is essential to making informed, evidence-based pharmacotherapy decisions, such as risk scores, scales, and assessment tools. The Second Edition has been revised to reflect the latest critical care practice guidelines and up-to-date drug and non-drug information. Caring for children with heart disease is extremely complex, requiring a different and often tailor-made approach compared with adults with similar cardiac problems. Built on the success of previous editions and brought to you by a stellar author team, Pediatric Cardiology: The Essential Pocket Guide provides a unique, concise and extremely practical overview of heart disease in children. From history-taking,

physical examination, ECG, and chest X-ray – the basics that enable clinicians to uncover possible problems and eliminate areas of false concern – it goes on to examine the range of more complex topics in the diagnosis and treatment/management of childhood cardiovascular disease. New to this edition you'll find: An enhanced section on imaging including recent advances in cardiac MRI and fetal echocardiography. New techniques in genetic testing for heart disease in special populations. Much more emphasis on the importance of echocardiography in understanding the pathophysiology of congenital cardiac malformations. Expanded section on cardiac conditions in the neonate, specifically on prenatal diagnosis and management, neonatal screening for congenital heart disease, and hypoplastic left heart syndrome. Expanded and updated congestive cardiac failure section, including the latest in genetic and metabolic causes of heart failure, and medical/surgical treatment options; discussion of bridging therapies; essentials of transplantation, including common drug treatment regimens, clinical recognition of treatment complications and rejection, outcomes, morbidity and survival. In addition, every chapter is fully updated with the very latest clinical guidelines and management options from the AHA, ACC and ESC. *Pediatric Cardiology: The Essential Pocket Guide*, 3rd edition, is quite simply a must-have guide for all members of the multidisciplinary team managing children suffering from heart disease.

For many years, there has been a great deal of work done on chronic congestive heart failure while acute heart failure has been considered a difficult to handle and hopeless syndrome. However, in recent years acute heart failure has become a growing area of study and this is the first book to cover extensively the diagnosis and management of this complex condition. The book reflects the considerable amounts of new data reported and many new concepts which have been proposed in the last 3-4 years looking at the epidemiology, diagnostic and treatment of acute heart failure.

Hypertension (chronically elevated arterial blood pressure) is one of the most common disorders worldwide. In the U.S., hypertension affects 1 in 4, or upwards of 50 million adults with only 70% being aware of their diagnosis. Hypertension is tightly linked with cardiovascular risk and fatal outcomes. One of the dangers of hypertension is its asymptomatic nature, as untreated hypertension can result in increased cardiac output, heart volume, and damage to arteries and vessel walls. This succinct pocket volume aims to provide primary care practitioners and other healthcare professionals with essential, evidence-based guidance on the diagnosis and management of hypertension. Written by noted experts in the field, with a foreword by the former president of the American Society of Hypertension, this volume is focused on providing key insights into choosing the appropriate treatment regimen for each patient, as well as direction on proper patient monitoring for safety and effectiveness of various interventions. To that end, the volume features numerous tools, such as forms, charts, graphs, and algorithms to assist the busy clinician in providing the best care for their patients with hypertension.

Landmark Papers in Cardiovascular Medicine provides a thorough and wide-ranging analysis of core examples of novel research, clinical trials and seminal papers published in the medical literature that have paved the way for breakthroughs in the management of the entire spectrum of cardiovascular disease. These papers may have produced positive, negative or equivocal findings but are regarded by the experts as having either stimulated a paradigm shift in therapeutic strategy or been the catalyst for new and improved methods of research, diagnosis or drug development. Our aim is to provide both a benchmark and inspiration for future work in the field of cardiovascular medicine and also to give the reader an insight into the mechanics and infrastructure of how high-quality evidence-based medicine has been produced. Each trial summary is punctuated by sections on 'strengths and limitations', 'impact on the field', 'learning points' and 'further reading' suggestions that allow for a completely holistic analysis of the data. The experts also give their views on what research is currently underway, their hopes for the future and what advances they predict will occur in each subspecialty field of cardiovascular medicine, making this book essential reading for all those individuals with an interest in the field.

Designed for easy transport and quick reference, *Pocket Anesthesia*, presents essential information that residents, anesthesiologists, CRNAs, and medical students need on the wards and in the operating room. Edited by anesthesia faculty at Harvard Medical School, this pocket-size reference is ideally suited for today's fast-paced anesthesia environment--it is concise, easy to read, and evidence-based. Essential information is presented in a well-organized schematic outline format with many tables, algorithms, and diagrams. The book is filled with must-know facts about drugs, frequent intraoperative problems, differential diagnosis, common disease states, patient evaluation, and anesthetic considerations for each subspecialty. New to the revised, second edition, is the inclusion of ultrasound-guided regional anesthesia procedures.

Preparing students for successful NCLEX results and strong futures as nurses in today's world. Now in its 12th edition, Brunner and Suddarth's *Textbook of Medical-Surgical Nursing* is designed to assist nurses in preparing for their roles and responsibilities in the medical-surgical setting and for success on the NCLEX. In the latest edition, the resource suite is complete with a robust set of premium and included ancillaries such as simulation support, adaptive testing, and a variety of digital resources helping prepare today's students for success. This leading textbook focuses on physiological, pathophysiological, and psychosocial concepts as they relate to nursing care. Brunner is known for its strong Nursing Process focus and its readability. This edition retains these strengths and incorporates enhanced visual appeal and better portability for students. Online Tutoring powered by Smarthinking--Free online tutoring, powered by Smarthinking, gives students access to expert nursing and allied health science educators whose mission, like yours, is to achieve success. Students can access live tutoring support, critiques of written work, and other valuable tools.

Providing a critical update and review of salient topics needed for the proper cardiac evaluation and care of athletes, this text is designed to be the most up-to-date and practical manual for all health care providers who evaluate and treat athletes, including sports cardiologists, general cardiologists, sports medicine specialists, team doctors and athletic trainers. The book is divided into three key sections. The first section discusses essential topics pertaining to the pre-participation cardiac screening of athletes, providing a framework for how best to perform pre-participation cardiac evaluations and optimize the interpretation of cardiac screening test results, and a guide to assist the streamlining of appropriate downstream testing when required. The second section reviews the management and care of athletes with specific, existing cardiovascular disorders, providing the reader with fundamental principles to help recognize and advise levels of sport participation to athletes with these disorders. The final section deals with acute sideline management of the symptomatic athlete and will again provide practical algorithms for cardiologists and non-cardiologists alike who are responsible for athlete health and safety in the sports arenas and training facilities. Written and edited by highly regarded experts in the field of sports cardiology, including several cardiologists who are collegiate and professional team physicians and who work with professional sports organizations on developing policies for cardiac screening and monitoring, *Sports Cardiology* is an excellent practical resource for all clinicians working in the field.

These pocket guidelines provide evidence-based guidance on how to reduce the incidence of first and recurrent clinical events due to coronary heart disease (CHD), cerebrovascular disease (CeVD) and peripheral vascular disease in two categories of people. These guidelines can be used by physician and non-physician health workers, in all levels of health care including primary care. Hypertension, diabetes or established cardiovascular disease may be used as entry points for implementing these guidelines. The risk prediction charts given in these guidelines are provided for different parts of the world. These guidelines are valid for the Eastern Mediterranean region.

From frontline experts on the topic—everything you need to know about COVID-19 and how it affects the heart
COVID-19's effect on the cardiovascular system continues to drive increases in morbidity and mortality. Building a solid

understanding of the disease spectrum is critical for accurately diagnosing, treating, and managing patients with heart issues in the time of COVID. Written by a team of experts who worked on the frontlines in New York City throughout the worst of the pandemic, COVID-19 and the Heart: A Case-Based Pocket Guide is a one-of-a-kind resource for providing safe, effective care for COVID-19-related heart conditions. Designed for quick and easy learning and on-the-spot clinical decision making, this practical guide is organized into chapters based on genuine clinical cases and provides the best approach for each one. The authors highlight key points throughout the clinical content for easy review, and provide up-to-date information on clinical trials/vaccines, diagnostic and treatment algorithms, therapeutics, monitoring, and patient education. Ideal for healthcare workers actively engaged in the ongoing pandemic and students seeking to build their expertise, COVID-19 and the Heart is the go-to guide to making the right clinical judgments with respect to the cardiac manifestations of COVID-19. COVID-19 and the Heart starts with the physiology of COVID-related heart disease, and walks you through COVID's effect on: ACS Valvular heart disease Arrhythmia Pericardial disease Heart failure Shock Thromboembolism Hypertension

Hypertension is one of the leading causes of death in the United States, affecting nearly one in three Americans. It is prevalent in adults and endemic in the older adult population. Hypertension is a major contributor to cardiovascular morbidity and disability. Although there is a simple test to diagnose hypertension and relatively inexpensive drugs to treat it, the disease is often undiagnosed and uncontrolled. A Population-Based Policy and Systems Change Approach to the Prevention and Control Hypertension identifies a small set of high-priority areas in which public health officials can focus their efforts to accelerate progress in hypertension reduction and control. It offers several recommendations that embody a population-based approach grounded in the principles of measurement, system change, and accountability. The recommendations are designed to shift current hypertension reduction strategies from an individual-based approach to a population-based approach. They are also designed to improve the quality of care provided to individuals with hypertension and to strengthen the Center for Disease Control and Prevention's leadership in seeking a reduction in the sodium intake in the American diet to meet dietary guidelines. The book is an important resource for federal public health officials and organizations, especially the Center for Disease Control and Prevention, as well as medical professionals and community health workers.

Home Blood Pressure Monitoring Springer Nature

This new third edition of The ESC Textbook of Cardiovascular Medicine is a ground breaking initiative from the European Society of Cardiology that is transforming reference publishing in cardiovascular medicine in order to better serve the changing needs of the global cardiology community. Providing the evidence-base behind clinical practice guidelines, with in-depth peer-reviewed articles and broad coverage of this fast-moving field, both the print and digital publication are invaluable resources for cardiologists across the world. Overseen by Professors A. John Camm, Thomas F. Lüscher, Patrick W. Serruys, and Gerald Maurer, supported by an editorial board of subject experts, and more than 900 of the world's leading specialists from research and the clinic contributing, this dynamic encyclopaedic resource covers more than 63 disciplines within cardiology. Split into six key parts; Introduction to the cardiovascular system; Investigations; Heart diseases; Vascular disease; Special populations, and Other aspects of cardiology, providing readers with a trustworthy insight into all aspects of cardiovascular medicine. To respond nimbly to the rapid evolution of the field the digital publication, ESC CardioMed, is continuously updated by the author teams. With expert editors and authors, and stringent peer-review, the publication combines the discoverability of digital with the highest standards of academic publishing. Highly illustrated with embedded multi-media features, along with cross-referenced links to ESC Clinical Practice Guidelines, related content and primary research data in European Heart Journal, as well as all other major journals in the field, ESC CardioMed provides users with the most dynamic and forward thinking digital resource at the heart of cardiology. As a consistently evolving knowledge base, the ESC Textbook of Cardiovascular Medicine 3e together with the online counterpart ESC CardioMed, equips all those, from trainees and consultants, to device specialists and allied healthcare professionals with a powerful, multifaceted resource covering all aspects of cardiovascular medicine.

Ideal for medical students, interns and residents, the latest edition of this portable quick-reference—part of the popular Pocket Medicine series, prepared by residents and attending physicians—has been updated with new contributors and information on pediatric disorders and problems encountered in any clinical situation, including the ICU. The book is heavy on bulleted lists, tables, and algorithms, and the small size means it can fit snugly in anyone's white coat pocket! The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem.

Hypertension remains a leading cause of disability and death worldwide. Self-monitoring of blood pressure by patients at home is currently recommended as a valuable tool for the diagnosis and management of hypertension. Unfortunately, in clinical practice, home blood pressure monitoring is often inadequately implemented, mostly due to the use of inaccurate devices and inappropriate methodologies. Thus, the potential of the method to improve the management of hypertension and cardiovascular disease prevention has not yet been exhausted. This volume presents the available evidence on home blood pressure monitoring, discusses its strengths and limitations, and presents strategies for its optimal implementation in clinical practice. Written by distinguished international experts, it offers a complete source of information and guide for practitioners and researchers dealing with the management of hypertension.

The value of echocardiography in the diagnostic work-up of patients with suspected acute pulmonary embolism.- New developments in the thrombolytic therapy of venous thrombosis.- Mechanism of blood coagulation. Newer aspects of anticoagulant and antithrombotic therapy. MR-angiography in the diagnosis of pulmonary embolism. Scintigraphy-ventilation/perfusion scanning and imaging of the embolus.- Clinical course and prognosis of acute pulmonary embolism.- The molecular mechanisms of inherited thrombophilia.

Designed to meet the needs of clinicians working with adults with congenital heart disease, *Diagnosis and Management of Adult Congenital Heart Disease*, by Drs. Michael A. Gatzoulis, Gary D. Webb, and Piers E. F. Daubeney, offers essential guidance on the anatomical issues, clinical presentation, diagnosis, and treatment options available to practitioners today. This latest edition features completely updated content, including new information for nurses and nurse practitioners who, now more than ever, are playing an important role in the care of adults with CHD. You'll also access four new chapters, illustrated congenital defects, coverage of long-term outcomes, and much more. Drs. Gatzoulis, Webb, and Daubeney lead a team of experts ideally positioned to provide state-of-the-art global coverage of this increasingly important topic. Each disease-oriented chapter is written to a highly structured template and provides key information on incidence, genetics, morphology, presentation, investigation and imaging, and treatment and intervention. Congenital defects are illustrated with full-color line drawings and by the appropriate imaging modality (for example, EKG, x-ray, echocardiogram, MRI, CT,). Provides coverage of long-term outcomes, including the management of pregnant patients and patients undergoing non-cardiac surgery. Features the addition of four new chapters: A Historic Perspective; Quality of Life in Patients with Pulmonary Hypertension; Psychosocial Issues in ACHD; Supportive and Palliative Care for End-Stage ACHD.

These pocket guidelines provide evidence-based guidance on how to reduce the incidence of first and recurrent clinical events due to coronary heart disease (CHD), cerebrovascular disease (CeVD) and peripheral vascular disease in two categories of people. These guidelines can be used by physician and non-physician health workers, in all levels of health care including primary care. Hypertension, diabetes or established cardiovascular disease may be used as entry points for implementing these guidelines. The risk prediction charts given in these guidelines are provided for different parts of the world. These guidelines are valid for the European region.

This book examines various aspects of the aorta, both healthy and diseased states, in 40 chapters of in-depth research by experts in cardiovascular disease. It begins with chapters on the embryology, anatomy, genetics, and physiology of the aorta along with imaging studies used to visualize its structure. The bulk of the book focuses on acute and chronic disorders such as coarctation of the aorta, inflammatory and connective tissue disorders, acute aortic thrombosis, infections, tumors, related ocular diseases, and various aneurysms and fistulas. In addition, it explores aortic disease in pregnancy, fetal aortic disorders, and aortic trauma in children. The book highlights the epidemiology and natural history as well as medical, endovascular, and surgical treatments for each disease. It also discusses valve repair, 3D printing applications, and the role of multidisciplinary aortic centers. *Diseases of the Aorta* is an indispensable and authoritative resource for cardiologists, cardiovascular surgeons, interventional radiologists, radiologists, and vascular medicine specialists.

The management of hypertension varies considerably from clinician to clinician. This pocketbook is a concise and evidence-based summary of current understanding and practice, including the most up-to-date guidance from national bodies and their recommendations for hypertension care. An essential tool for everyday use in managing hypertension, this book covers the different phases of investigation and definitive management, and aids clinical decision-making by collating all the relevant information and guidance in one easily accessible place.

[Copyright: 797ad34407b8cdc0380e81a5ff92988d](https://doi.org/10.1002/9781118400000.ch001)