

Atlas Of Heart Disease

The last 10 years has seen explosive expansion of the number of centres performing cardiovascular magnetic resonance (CMR) imaging. The majority of this expansion has been in the field of adult ischaemic imaging, but congenital heart disease remains one of the main indications for CMR. Importantly, the greatly improved survival of patients with congenital heart disease gives us a burgeoning adult population living with the sequelae of the disease (grown-up congenital heart disease – GUCH). Without previous experience or formal training, the interpretation of CMR images of patients with congenital heart disease can be difficult. The main aim of this book is to create a portable resource that offers efficient access to high-quality MR (and where appropriate, CT) images of the common congenital and structural heart abnormalities. We hope that by providing key images for each condition and a clear interpretation of the MR appearances, we will improve the reader's understanding of the conditions, facilitate their interpretation of images and optimise the planning of the imaging protocols during their own practice of congenital CMR. As with any publication from a single institution, the contents of this book represent our own practice. We have not written a definitive or exhaustive description of the conditions.

This atlas provides a practical guide to the diagnosis of congenital heart disease using echocardiography in both adults and children. A plethora of high-quality echocardiography images provide practical examples of how to diagnose a range of conditions correctly, including aortic stenosis, tricuspid atresia, coronary artery fistula and hypoplastic left heart syndrome. Atlas of Echocardiography in Pediatrics and Congenital Heart Diseases describes the diagnostic management of a range of congenital heart diseases successfully in both adults and children. Therefore it provides a valuable resource for both practicing cardiologists who regularly treat these patients and for trainees looking to develop their diagnostic skills using echocardiography.

This atlas is a comprehensive visual reference for the use of cardiovascular computed tomography (CT) containing photomicrographs, anatomic illustrations, tables, and charts paired with extensive legends and explanations that are supplemented by extensive research, peer-reviewed articles, and textbooks. In addition to providing historical perspective and current direction for CT, this new edition of Atlas of Cardiovascular Computed Tomography 2e focuses on research involving coronary artery diseases and anomalies, congestive heart failure, atherosclerotic plaques and asymptomatic disease, as well as imaging techniques, including preparation, acquisition, and processing, involving the great vessels and carotids, the peripheral vasculature, and coronary and pulmonary veins. The increasing role of CT in the emergency room and in private cardiology practice is also reviewed thoroughly, making this an essential read for all involved in cardiac imaging, cardiology and emergency medicine.

*Atlas of Cardiovascular Magnetic Resonance Imaging
Congenital Heart Disease: A Surgical Color Atlas*

Cases in Adult Congenital Heart Disease

Atlas of Heart Failure

Atlas of Heart Disease

Cases in Adult Congenital Heart Disease, by Michael Gatzoulis et al., is a new, one-of-a-kind cardiology reference designed to help you effectively manage challenging congenital conditions in adults through comprehensive visual guidance. Leading experts present 85 cases-ranging from the simple to the complex, supplemented by abundant images-which enable you to diagnose these cases from a real-life, clinical perspective. A companion website at expertconsult.com featuring full text and images and supplemented by a library of dynamic imaging clips allows you to access this unique resource in another convenient way. Features 85 cases encompassing a full range of congenital heart disease problems-from the simple to the complex-that provide a better understanding of these conditions from a real-life, clinical perspective. Presents examples of multiple imaging modalities (including chest radiography, echocardiography, CT, MR, and angiography) clearly depict the clinical manifestations of congenital defects and provide you with the best views available of these conditions. Includes a companion website at expertconsult.com featuring the full text fully searchable online and images and supplemented by a library of dynamic imaging clips allows you to access this unique resource in another convenient way. Offers guidance on the assessment of congenital heart disease during pregnancy equips you with essential knowledge in addressing the needs of this growing patient population.

Atlas of Cardiac CT, by Allen J. Taylor, MD, is a practical cardiac imaging reference that provides comprehensive coverage of all aspects of this modality. Inside you'll find user-friendly case-based structured sections that offer a brief clinical introduction, multiple CT images, highlights of strengths and pitfalls, brief commentary, and further suggested readings-equipping you with everything you need to know to obtain the best imaging results. Expert Consult functionality further enhances your reference power with convenient online access to the complete contents of the book-fully searchable-along with additional images and videos. Features a clinically oriented, case-based and evidence-based approach for coverage that you can readily apply in your daily practice. Offers the guidance of today's experts in cardiac CT, along with input of the editorial team behind Braunwald's Heart Disease, to ensure that you have only the best knowledge at your fingertips. Includes a final chapter, Which Modality for Which Disease, to help you determine the best imaging modality to use for a

specific problem. Presents abundant high-quality images that clearly depict the use of cardiac CT and visually reinforce the text. Provides complete guidance on obtaining the best image quality possible and the avoidance of artifacts. Uses a consistent chapter format that makes it easy to find the information you need. Offers access to the complete contents online, fully searchable, along with additional images and videos, at expertconsult.com. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should access to the web site be discontinued.

Congenital Heart Disease: A Surgical Color Atlas is a pictorial illustration with over 750 stunning photographs and line drawings that highlight important surgical, anatomic and pathologic points of congenital heart disease. This impressive work by a surgeon, a cardiologist, and a pathologist, features full-color images as seen through the surgeon's eyes, juxtaposed with line drawings to allow for the full examination of anatomic and surgical details. From the Preface: "This Atlas may very well be the most accurate photographic description of congenital heart disease ever published." - Hisashi Nikaidoh, MD

Atlas of Congenital Cardiac Disease

Color Atlas of Cardiac Surgery

Pathological, Clinical and Investigatory Aspects

Acquired Heart Disease

Color Atlas of Cardiovascular Disease

Companion to: Braunwald's heart disease / edited by Robert O. Bonow ... [et al.]. 9th ed. c2012.

Heart disease can no longer be seen as the problem of overworked, overweight middle-aged men; in today's world, we are all--women and children too--at risk. One in three deaths worldwide--17 million deaths each year--is due to cardiovascular disease. These full-color maps and graphics illustrate the wide range of issues relating to this global epidemic.

Now in its fourth edition, the Atlas of Heart Failure provides a comprehensive up-to-date overview of normal cardiac function, the mechanisms of dysfunction in heart failure, and the therapeutic approaches that are available to manage the syndrome. Designed to provide a detailed and comprehensive visual exposition of all aspects of cardiac function and dysfunction, this atlas contains several hundred images, each accompanied by detailed captions, carefully selected by expert authors, and reviewed by the editor.

Congenital Heart Disease

Essential Atlas of Heart Disease

*A Diagrammatic Atlas
Cardiac Function and Dysfunction
The Atlas of Heart Disease and Stroke*

This atlas provides a practically applicable didactic case-based guide to the use of cardiac imaging in patient care during and after cancer therapy. It features detailed information on a variety of imaging modalities, including transesophageal echocardiography, magnetic resonance angiography and positron emission tomography. A range of actual patient presentations are included covering both diagnosis and management during curative and palliative surgery, as well as cancer pharmacotherapy with the use of drugs including Trastuzumab, Anthracycline, Cisplatin and Carboplatin. Topics relevant to survivorship are also described. Atlas of Imaging in Cardio-Oncology enables the reader to develop a deep understanding of how to utilise a variety of imaging modalities used in cardio-oncology in a range of scenarios. It provides a critical and timely resource for the trainee and experienced cardiologist, oncologist and radiologist.

Rapid developments in congenital heart disease diagnosis and treatment have allowed children with congenital heart disease to survive to adulthood. In particular, advances in pediatric cardiology during the 2000s have shifted the majority of congenital heart disease-related mortalities to adulthood. Consequently, there are now hundreds of thousands of adults with congenital heart defects worldwide. In the near future, cardiologists are expected to encounter a steady increase in patients at grown-up congenital heart centers. This atlas includes representations of common congenital heart defects and complete sets of surgical or transcatheter interventions with the most recent acquisitions. The atlas also provides a selection of diagrams (more than 200 diagrammatic heart figures) from the cardiac catheterization laboratory of a pediatric or grown-up cardiology unit that can be easily modified by various software programs. With the addition of hemodynamic data acquired during cardiac catheterization, the diagrams become accurate anatomical and physiological reports. Simple line or symbol-based drawings, rather than artistic illustrations, have been used in figures to facilitate sharing and customization. In conclusion, I believe that this atlas is a necessary reference with great utility for cardiologists, heart surgeons, radiologists, clinical staff, medical students, nursing personnel, patients and their families. Note: There is currently only one diagrammatic atlas in the medical world (Mullins Atlas, Publisher: Wiley-Liss, 1991, product dimensions: 9.6 x 1.4 x 11.4 inches and \$750.00). There have been many new

interventional procedures and surgical techniques in the field of pediatric and adult Cardiology in the 21st century. Since this atlas was prepared nearly 30 years ago, it naturally needs revision today. <https://www.amazon.com/Congenital-Heart-Disease-Diagrammatic-Atlas/dp/0471588172>

The American Heart Association published Maude Abbott's Atlas of Congenital Cardiac Disease in 1936. The Atlas was an important contribution to the understanding of cardiac defects and helped provide the stimulus for rapid advances in the diagnostic, physiologic, and surgical aspects of congenital heart disease over the following decades. These advances have since progressed to such a degree that, given current radiologic imaging and surgical techniques, many of the anomalies illustrated in the Atlas are rarely seen as complete morphologic specimens. This reprinting of the Atlas underlines the importance of Abbott's contribution for the present generation.

Vascular disease

Global Atlas on Cardiovascular Disease Prevention and Control

Atlas of Heart Diseases: Cardiomyopathies, myocarditis, and pericardial disease

Atlas of Pediatric Cardiac CTA

Atlas of Imaging in Cardio-Oncology

Setting a new standard in medical publishing the Atlas of Heart Diseases is a beautifully produced twelve volume series featuring the most outstanding collection of visual art ever collected on treating diseases of the heart. Each volume is dedicated to a popular area of cardiology, providing concentrated, complete coverage on every critical element of the topic.

The aims and scope of this atlas include a complete review of the embryology of the normal heart, the normal cardiac anatomy along with a complete discussion of the terms and definitions used to identify and clarify both normal and abnormal anatomy. In addition, techniques of cardiac CT angiography as it pertains to imaging congenital abnormalities are discussed including radiation concepts and radiation saving techniques. The bulk of this book then goes on to completely review the field of adult congenital heart disease using text and more importantly a multitude of pictorial examples (in color and grey scale) to demonstrate the abnormalities. Drawings accompany each picture to better explain the example. Furthermore, difficult and complex anatomical examples are supplemented with digital images and movies to aid in illustrating and understanding the anatomy. Each general set of anomalies as well as each specific abnormality or set of abnormalities includes a concise and simple review of the embryology and epidemiology of the abnormality as well as a concise explanation of the anatomy of the abnormality. In addition, the methods to identify and recognize the abnormality by computed tomography is discussed. Finally, the prognosis and common treatment options for the anomaly are addressed within this comprehensive book.

This book presents the main cardiac pathologies, providing a helpful guide featuring clinical cases and electronic supplementary material. There are several systematic books on cardiac magnetic resonance, which approach the different pathologies and related pathophysiology in a general manner, and these are useful for readers at an early stage in their medical careers. However, when it comes to individual patients (during the acquisition of images and reporting activities) there is no book providing operative protocols or systematic descriptions of details to look for. In the eight

chapters (Cardiomyopathies, Myocarditis, Ischemic Heart Disease, Valvular Heart Diseases, Cardiac Masses, Pericardial Diseases, Congenital Heart Disease, and Miscellanea), the individual pathology is illustrated with a clinical case. The cases are divided into four sections: An introduction with a short medical history and the purpose of the diagnostic CMR A detailed CMR acquisition protocol CMR images, indicating purpose, method, analysis and meaning of the image, as well as videos. Concluding paragraph with the final diagnosis reached on the basis of the findings obtained in each image This book, collecting one hundred one clinical cases covering a broad spectrum of cardiac diseases, is an invaluable tool for radiologists and cardiologists.

Atlas of Cardiovascular Computed Tomography

Hypertension

Atlas of Nuclear Cardiology

New Edition

The Color Diagrammatic Atlas of Congenital Heart Disease

The Essential Atlas of Cardiovascular Disease takes a comprehensive look at all pertinent areas of cardiovascular disease. This four-color atlas includes detailed legends and extensive reference listings for hundreds of illustrations, algorithms, schematics, and images. Topics covered include atherosclerosis, vascular disease, heart failure, cardiomyopathy, arrhythmias, hypertension, valvular disease, interventional cardiology, nuclear cardiology, cardiovascular imaging (echocardiography, computed tomography, and magnetic resonance), and many others. Supported by Brigham and Women ' s Hospital, this atlas is an invaluable resource for primary care physicians, cardiologists, and all professionals involved in the study and treatment of cardiovascular disease.

The Atlas of Heart Disease and StrokeWorld Health Organization

Heart disease and strokes are currently the leading cause of death in all developed countries and in most developing countries, resulting in one third of all deaths globally in 2003. This publication explores a range of issues relating to this increasingly urgent global health problem using text, colour charts, maps and graphics. Topics covered include: different types of cardiovascular diseases, including rheumatic heart disease; key risk factors including smoking, obesity, physical inactivity, high cholesterol levels and diabetes; risks factors relating to women, childhood and youth; the global burden of coronary heart disease and stroke, and associated economic costs; medical research and funding issues; prevention in personal and public health terms; treatment options; health education; national policies and legislation to address prevention and control; future predictions; chronology of key developments in knowledge of cardiovascular disease; and world data tables.

101 Clinical Cases

Cardiac Magnetic Resonance Atlas

Cardiovascular MRI in Congenital Heart Disease

Atlas of Heart Diseases

Essential Atlas of Heart Diseases

"As the magnitude of cardiovascular diseases (CVDs) continue to accelerate globally, the pressing need for increased awareness and for stronger and more focused international and country responses is increasingly recognized. This atlas on cardiovascular disease prevention and control is part of the response to this need. It documents the magnitude of the problem, using global cardiovascular mortality and morbidity data. It demonstrates the inequities in access to protection, exposure to risk, and access to care as the cause of major inequalities between countries and populations in the occurrence and outcome of CVDs. The report has graphs showing mortality rates of CVDs by age, by country/region, and is divided into three main sections: Section A: Cardiovascular diseases due to atherosclerosis -- Section B: Other cardiovascular diseases -- Section C: Prevention and control of CVDs: Policies, strategies and

interventions."--Provided by publisher.

Atlas of Pediatric Cardiac CTA is a concise visual guide to the imaging of congenital heart disease in infants and children. The book focuses on the utilization of cardiac CTA imaging for pediatric patients as distinct from adult patients, with an emphasis on techniques for retrospective and prospective scanning, reduction of the radiation dose, and CT data processing and analysis. It also describes cardiac CTA evaluation search patterns to assess the complex anatomy in congenital heart patients. As pediatric patients often present with multiple findings, separate chapters are devoted to the major structures of the cardiovascular system, accompanied with extensive imaging examples of the atria, ventricles, great vessels, coronary arteries, lungs and airways, and the situs. The book concludes with a review of shunts, procedures, and surgeries used in the management of this disorder. Atlas of Pediatric Cardiac CTA is a valuable resource for radiologists, cardiologists, and other clinicians involved in the care of pediatric patients with congenital heart disease.

The most thorough series of its kind, the full-color Atlas of Heart Disease encompasses the work of nearly 200 leading specialists. Each volume is dedicated to a particular area of cardiology and provides comprehensive, concentrated coverage of every topic related to the specialty. Hundreds of outstanding cardiology images covering a vast array of topics from basic physiology and risk management to new pharmacologic treatment procedures are included.

Case-Based Study Guide

CT Atlas of Adult Congenital Heart Disease

Essential atlas of heart disease

An Imaging Atlas

The most thorough series of its kind, the full-color Atlas of Heart Disease encompasses the work of nearly 200 leading specialists. Each volume is dedicated to a particular area of cardiology and provides comprehensive, concentrated coverage of every topic related to the specialty.

This colour atlas presents clinicians with the latest techniques for the diagnosis and treatment of heart disorders. Divided into sections dedicated to a specific area of the heart, each topic begins with discussion on normal anatomy, function and pathology. Diseases and disorders associated with that region are then described in depth. Both well established and emerging device-based therapies are covered, as well as cutting edge imaging techniques including 3D echocardiography, 4D MRI, optical coherence tomography, and ECG mapping. American and European practice guidelines for the management of specific cardiovascular diseases are also summarised. Edited by Houston-based specialist, Glenn N Levine, and with contributions from more than 150 internationally recognised cardiovascular experts, this comprehensive manual contains more than 3000 digital images covering gross and microscopic pathology, schematic figures and numerous tables and flow charts. A DVD ROM illustrating imaging results is also included. Key points Presents latest techniques for diagnosis and treatment of cardiovascular diseases Includes more than 3000 digital images and diagrams, and a DVD ROM Summarises American and European guidelines for management of specific disorders Internationally recognised author team, led by Houston-based Glenn N Levine

Atlas of Cardiovascular MR, by Christopher M. Kramer, MD and W. Gregory Hundley, MD, provides the rich visual guidance you need to effectively diagnose cardiovascular problems using the latest cardiac magnetic

resonance imaging approaches. Using a case-based approach, this new clinical reference explains how to select and implement the best imaging options for every type of cardiovascular disease and shows you how to interpret your findings. An Expert Consult site, included with the book, provides additional images and videos that provide further clarity on cardiovascular applications of MR imaging. Key points in each chapter summarize the most important things to remember. A case-based format demonstrates how imaging principles apply to real clinical situations. A clinically oriented, practical approach focuses on the hands-on knowledge you need to achieve the best image quality, avoid artifacts, and interpret images accurately. Numerous high-quality images, many in full color, mirror the cardiovascular MR findings you see in practice. A companion DVD provides additional images and videos that further illustrate cardiovascular applications of MR imaging. A logical, consistent format in each chapter makes information easy to find.

A Colour Atlas of Cardiac Surgery: Acquired Heart Disease

Atlas of Cardiovascular Risk Factors

Atlas of Cardiac Surgical Techniques E-Book

Essential Atlas of Cardiovascular Disease

Atlas of Echocardiography in Pediatrics and Congenital Heart Diseases

Get expert, step-by-step guidance on a wide variety of both open and interventional cardiac surgical techniques. Atlas of Cardiac Surgical Techniques, 2nd Edition, helps you expand your surgical repertoire and hone your skills with a vividly illustrated, easy-to-navigate text and pearls and pitfalls throughout. This revised atlas covers the surgical procedures you need to master, including minimally invasive techniques, robotic surgery, aortic dissection, and much more. Seven brand-new chapters cover Hybrid Coronary Revascularization, Aortic Valve Repair Techniques, Transcatheter Aortic Valve Replacement, Robotic Mitral Valve Surgery, Surgery for Hypertrophic Cardiomyopathy, Approaches and Techniques to Extra-Corporeal Membrane Oxygenation, and Pulmonary Endarterectomy. Multiple new contributing authors offer a fresh perspective in their areas of expertise. A consistent chapter format guides you quickly from surgical anatomy and preoperative considerations through operative steps and postoperative care. More than 400 full-color images, line drawings, and intraoperative photographs clearly depict the step-by-step progression of procedures.

The Atlas of Cardiovascular Risk Factors provides a succinct overview and an update of current knowledge of the major causative factors for heart disease. It also covers other forms of cardiovascular disease and strategies to reduce the risk associated with those factors. It is intended to help physicians and cardiologists.

This reprint includes a short history of Abbott's life and how she came to create the Atlas, including a discussion of the material she used for her 1934 London Exhibit, which served as the basis for the Atlas. The original text and illustrations are enhanced by color prints of fifty-five specimens in the Abbott Collection of the McGill Pathology Museum.

A Color Atlas of Heart Disease

Atlas of Cardiac Catheterization for Congenital Heart Disease

A Colour Atlas of Cardiac Surgery

An Imaging Companion to Braunwald's Heart Disease

This atlas depicts and describes catheter-based interventions across

the entire pediatric age range, from fetal life through to early adulthood, with the aim of providing an illustrated step-by-step guide that will help the reader to master these techniques and apply them in everyday practice. Clear instruction is offered on a wide range of procedures, including vascular access, fetal interventions, valve dilatation, angioplasty, stent implantation, defect closure, defect creation, valve implantation, hybrid approaches, and other miscellaneous procedures. The atlas complements the previously published handbook, *Cardiac Catheterization for Congenital Heart Disease*, by presenting a wealth of photographs, images, and drawings selected or designed to facilitate the planning, performance, and evaluation of diagnostic and interventional procedures in the field of congenital heart disease. It will assist in the safe, efficient performance of these procedures, in decision making, and in the recognition and treatment of complications.