

Read Book An Atlas Of Myocardial Infarction And Related Cardiovascular Complications

Encyclopedia Of Visual Medicine

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Atlas of Clinical Nuclear MedicineAtlas of Practical Cardiac Applications of MRIAtlas of Renal PathologyAtlas of Liver Pathology E-BookAtlas of Cardiovascular Computed TomographyAtlas of Vascular MedicineManagement of the Airway, An Issue of Atlas of the Oral and Maxillofacial Surgery Clinics - E-BookThe ECG in Acute Myocardial Infarction and Unstable AnginaAtlas of Tissue Doppler Echocardiography — TDEAnnotated Atlas of ElectrocardiographyComplications of Myocardial InfarctionColor Atlas of Cardiac PathologyPromoting Cardiovascular Health in the Developing WorldGlobal Atlas on Cardiovascular Disease Prevention and ControlComplications of Myocardial InfarctionAtlas of HEART FAILUREAn Atlas of ElectrocardiographyAtlas of Nuclear CardiologySobotta Atlas of Human Anatomy, Vol. 2, 15th ed., English/LatinAtlas of Coronary Artery DiseaseAtlas of Nuclear CardiologyRobbins and Cotran Atlas of Pathology E-BookAtlas of Clinical Sleep Medicine E-BookCritical Cases in ElectrocardiographyColor Atlas of Pediatric PathologyAtlas of Atherosclerosis and Metabolic SyndromeColor Atlas and Synopsis of Cardiovascular MR and CT (SET 2)Atlas of HistopathologyMyocardial Infarction: A Companion to Braunwald's Heart Disease E-BookClinical Atlas of Cardiac and Aortic CT and MRIAtlas of Oral Implantology - E-BookThe Atlas of

Heart Disease and StrokeAn Atlas of Gynecologic OncologyColour Atlas of First Pass Functional Imaging of the HeartComprehensive Atlas of 3D EchocardiographyAtlas of Diabetes MellitusText Atlas of Practical ElectrocardiographyAtlas of Heart FailureSobotta Atlas of Human Anatomy, Vol. 2, 15th ed., EnglishAtlas of Percutaneous Edge-to-Edge Mitral Valve Repair

Atlas of Clinical Nuclear Medicine

1.2 million myocardial infarctions occurred last year in the U.S., and 480,000 patients died following complications of infarction. Now, you can detect and treat the many complications associated with myocardial infarction in time to save many more patients. This title in the brand-new Clinical Diagnostic Imaging Atlas Series offers you authoritative guidance from a well-known cardiologist and imaging expert about when and how to perform the latest diagnostic imaging tests, interpret the results, and effectively treat the emergency. Detailed discussions of hot topics, full-color illustrations, and a DVD of procedural video clips, animations, and downloadable image libraries help you provide fast, appropriate treatment for each challenging case you face. Offers detailed advice on when and how to screen for the most prevalent but often difficult-to-diagnose complications of myocardial infarction to help you improve care and increase survival rates. Discusses the hottest topics in myocardial infarction, including cardiogenic shock . left ventricle remodeling . thrombi . right ventricle infarction . free wall rupture

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. false aneurysms . tamponade . ventricular septal rupture . papillary muscle rupture . and more that prepare you to better diagnose and manage whatever you see. Presents 70 fully illustrated case presentations with teaching points that make information easy to understand and digest. Addresses the advantages and limitations of chest radiology, transthoracic and transesophageal echocardiography, cardiac CT, MR, angiography, and nuclear cardiology techniques so you can quickly determine the best imaging approach. Includes supporting evidence and current AHA/ACC guidelines for more accurate interpretations of your imaging findings. Uses a consistent, easy-to-follow chapter format that includes topic overview, an outline of imaging/diagnostic options, and case-based examples to make reference easy. Provides more than 400 full-color illustrations for expert visual guidance. Includes a bonus DVD containing hundreds of video clips of techniques and animations that show you what to look for and how to proceed as well as downloadable image libraries for use in electronic presentations.

Atlas of Practical Cardiac Applications of MRI

Atlas of Renal Pathology

This new edition is an integral source of information on Atherosclerosis. It covers topics such as newer coronary risk factors, high-density lipoprotein metabolism, lipid-lowering drugs, endothelium and

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thrombosis in atherogenesis, and contributing risk factors. With over 500 exceptional photographs, diagrams, and charts, each chapter illustrates an important facet of diagnosing and treating this common and often fatal disease.

Atlas of Liver Pathology E-Book

Cardiovascular disease (CVD), once thought to be confined primarily to industrialized nations, has emerged as a major health threat in developing countries. Cardiovascular disease now accounts for nearly 30 percent of deaths in low and middle income countries each year, and is accompanied by significant economic repercussions. Yet most governments, global health institutions, and development agencies have largely overlooked CVD as they have invested in health in developing countries. Recognizing the gap between the compelling evidence of the global CVD burden and the investment needed to prevent and control CVD, the National Heart, Lung, and Blood Institute (NHLBI) turned to the IOM for advice on how to catalyze change. In this report, the IOM recommends that the NHLBI, development agencies, nongovernmental organizations, and governments work toward two essential goals: creating environments that promote heart healthy lifestyle choices and help reduce the risk of chronic diseases, and building public health infrastructure and health systems with the capacity to implement programs that will effectively detect and reduce risk and manage CVD. To meet these goals, the IOM recommends several steps, including

improving cooperation and collaboration;
implementing effective and feasible strategies; and
informing efforts through research and health
surveillance. Without better efforts to promote
cardiovascular health, global health as a whole will be
undermined.

Atlas of Cardiovascular Computed Tomography

Interpret, Diagnose, and Treat with this Case-Based Atlas of Cardiac Images INCLUDES DVD WITH VIDEO SEGMENTS OF ABNORMAL READINGS Color Atlas and Synopsis of Cardiovascular MR & CT does more than help you interpret cardiac and vascular CT and MR images - it also provides valuable guidance on the diagnosis and management of patients undergoing those tests. Presented in a concise, easy-to-read design that is perfect for busy clinicians, the book features a comprehensive collection of more than 360 cardiac images and includes coverage of normal anatomy, radiographic anatomy, indications, contraindications, interpretations, and patient management. To add real-world clinical relevance, each topic includes case scenarios keyed to state-of-the-art illustrations. Many chapters open with a concise yet informative introduction, and each chapter concludes with references for further study. Color Atlas and Synopsis of Cardiovascular MR & CT opens with informative chapters on the fundamentals of cardiovascular magnetic resonance and the basics of coronary and cardiovascular computed tomography. Topics include: Ischemic Myocardial

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Disease Coronary Artery Disease Acquired
Nonischemic Myocardial Disease Genetic Myocardial
Disease Cardiovascular Magnetic Resonance in
Valvular Heart Disease The Aorta Congenital Heart
Disease Cardiac Masses Pericardial Disease
Pulmonary Hypertension

Atlas of Vascular Medicine

Sobotta - Atlas of Human Anatomy: the exam atlas for understanding, learning, and training anatomy The English-language Sobotta Atlas with English nomenclature is specifically adapted to the needs of preclinical medical students. Right from the start, the book concentrate on exam-relevant knowledge. The new study concept simplifies learning—understanding—training: Descriptive legends help the student identify the most important features in the figures. Clinical examples present anatomical details in a wider context. All illustrations have been optimized, and the lettering reduced to a minimum. An additional booklet containing 100 tables on muscles and nerves supports systematic study Note: The image quality and clarity of the pictures in the E-Book are slightly limited due to the format. Volume 2 "Internal Organs" includes the following topics: Viscera of the Thorax Viscera of the Abdomen Pelvis and Retroperitoneal Space

Management of the Airway, An Issue of Atlas of the Oral and Maxillofacial Surgery Clinics - E-Book

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This book is intended as a practical bench manual for the pathologist, particularly for the hospital pathologist who wishes to have where appropriate these have been illustrated. access to a simple informative account of renal Although the main emphasis is on the pathology, pathology, particularly for the interpretation of the relevant clinical aspects of the conditions cov percutaneous needle biopsy specimens. In addition ered are included in recognition of the fact that we trust it will be valuable to physicians working renal disease is an area in which correlation of the in the field of renal disease, for whom the interpre clinical and histopathological findings is particularly tation of renal biopsy material is directly relevant to important in reaching an informed diagnosis. patient management. Whilst a comprehensive coverage more appro priate to a larger text has not been attempted, the Acknowledgements text has been planned to give an adequate account of the more important non-neoplastic disease pro We would like to thank the technical staff of the cesses and their pathological appearances in the Histopathology Laboratories of The London Hos kidney. Points of difficulty in interpretation and dif pital Medical College, The Hospital for Sick Chil ferential diagnosis are covered both in the text and in dren, Great Ormond Street, and Guy's Hospital the illustrations.

The ECG in Acute Myocardial Infarction and Unstable Angina

The Comprehensive Atlas of 3D Echocardiography

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takes full advantage of today's innovative multimedia technology. To help the reader understand the unique dynamic nature of a comprehensive 3D echocardiographic examination, the printed pages are supplemented with a companion website; this Atlas introduces the use of anatomy specimens, videos, unique imaging windows, and novel displays obtained with cropping tools. This approach offers a clear picture of how the diagnostic and monitoring capabilities of 3D echocardiography can benefit patients with a wide range of cardiovascular pathology, including congenital heart disease. By showing a large number and variety of case studies, this Atlas demonstrates how 3D echocardiography can greatly enhance the diagnosis and clinical decision-making, especially when compared to two-dimensional techniques. Whether you're a Cardiologist, Sonographer, Anesthesiologist, Intensivist, Cardiac Surgeon, Researcher or any other Cardiovascular Medicine Professional, you'll find this new Comprehensive Atlas of 3D Echocardiography is a must have reference book. FEATURES * Companion website includes more than 350 videos and 400 still images * Emphasizes real-time 3D TEE technology * Comparisons with anatomic specimens and 2D echocardiographic images provided, where helpful, to aid in the understanding of how 3D views and measurements relate to standard 2D techniques

Atlas of Tissue Doppler Echocardiography — TDE

Pediatric pathology has been a recognized sup-

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specialty of pathology for almost two decades. Today pathology training programs are required to provide education in pediatric pathology. In addition to pediatric pathology specialists, many general and community-based pathologists regularly handle pediatric specimens. A working knowledge of current pediatric pathology is essential for appropriate handling of these cases. The Color Atlas of Pediatric Pathology covers the broad range of pediatric diseases that a pathologist will likely encounter and is written by well-known leaders in this field. Coverage includes both frequent and less commonly seen cases, and each discussion presents a concise summary of the salient features of the disease along with expertly selected, high-quality color images. The Color Atlas of Pediatric Pathology is a practical working resource for every pathologist who sees pediatric cases as well as the pathology trainee. The atlas features approximately 1,100 high-quality images as well as important staging and prognostic (including molecular) parameters. Features of the Color Atlas of Pediatric Pathology include:

- Comprehensive coverage of pediatric surgical and autopsy pathology
- Each chapter is presented by a recognized expert
- Practical presentation: concise text highlights diagnostic features making the atlas an outstanding resource for the practitioner
- Illustrated throughout with approximately 1,100 full-color images

Annotated Atlas of Electrocardiography

Comprehensive atlas covering the complete field of

histopathology, written by leading pathology experts in the USA.

Complications of Myocardial Infarction

Atlas of Vascular Medicine provides concise overviews of current management of vascular diseases utilizing a case-based format. A wide range of cases is presented encompassing arterial, venous, and lymphatic diseases. The atlas covers the major areas of vascular medicine in eight sections. Each section includes a concise overview of the area, followed by discussions of the major disease entities within that area. Each disease entity is introduced by an illustrative case presentation and is followed by a detailed topic review including clinical features, laboratory and imaging workup, treatment and prognosis, clinical pearls, discussion of differential diagnoses, and review questions. The presentations are well illustrated to provide a visual, user-friendly approach. Each case presentation has been selected to provide representative examples of the most likely presentation in clinical practice, with complications and variants discussed in the management summary concluding the case. Atlas of Vascular Medicine Features: Comprehensive coverage of major entities in vascular medicine Concise summaries of management principles Case approach showing application of principles in clinical practice Highly illustrated with high-quality images from frequently encountered modalities Clinical Pearls, Differential Diagnoses, and Questions and Answers conclude each case Expert faculty contributors

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Color Atlas of Cardiac Pathology

"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.

Promoting Cardiovascular Health in the Developing World

The Atlas of Liver Pathology, by Drs. Gary C. Kanel and Jacob Korula, provides the visual guidance you need to accurately diagnose all forms of liver disease. Organized by disease type, it points out major histological features, updates disease parameters with new images and diagrams, and helps you understand the clinical aspects of each disease. This text provides quick and convenient reference to

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virtually all of the liver disorders commonly seen today. Nine-hundred-plus high-quality, full-color images capture the gross and histological presentation of liver pathology ideal for comparison to the specimens you encounter in practice. Interpret liver specimens systematically by first considering the morphology, the differential diagnoses, and then the clinical features, including descriptions of the clinical and biologic behavior, treatment, and prognosis. Quickly and easily retrieve the information you need using a templated format that includes concise, bulleted text and abundant tables. Ensure accurate diagnoses with the help of 900+ full-color, high-quality images which capture the gross and histological presentation of liver pathology. Keep up with the latest findings on newly recognized liver diseases as well as rare disorders such as Langerhans cell histiocytosis, Leishmaniasis, Niemann-Pick disease, Lymphangioma, Pheochromocytoma, Infection-associated (reactive) hemophagocytic syndrome, and glycogen storage diseases. Find tables that cover rare diseases and disorders throughout the book. Obtain assistance with liver biopsy interpretation through greatly expanded coverage including differential diagnostic tables in a new section of the book, increased images, and more. Confidently recognize the major characteristics and distinguishing features of various diseases by examining the revised section on "Clinical and Biologic Behavior."

Global Atlas on Cardiovascular Disease Prevention and Control

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In its third 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.

Complications of Myocardial Infarction

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.

Atlas of HEART FAILURE

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

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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.

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An Atlas of Electrocardiography

A master practitioner teaches, with 200 sample electrocardiograms, a simple but powerfully enlightening scientific approach to the art of EKG interpretation. Moving beyond the traditional practice of many books that stress technical skill and pattern recognition, Dr. Blake demonstrates in detail how tracings may be interpreted with consistency and confidence. By examining each tracing much like a patient in a physical examination, the author provides a full description of its findings and a detailed clinical explanation of how to interpret it. Drawing on a lifetime of teaching and practicing EKG interpretation, Dr. Blake demonstrates in *An Annotated Atlas of Electrocardiography: A Guide to Confident Interpretation* an orderly, confidence-inspiring method for arriving at a clinically useful interpretation.

Atlas of Nuclear Cardiology

Fully updated and revised, the second edition of *An Atlas of Gynecologic Oncology* presents a full description of the investigative and surgical procedures carried out by the gynecologic oncologist. Key features of this important text include: a practical guide to a range of operative and investigative procedures contributions from international opinion leaders over 450 colour illustrations

Sobotta Atlas of Human Anatomy, Vol. 2, 15th ed., English/Latin

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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.

Atlas of Coronary Artery Disease

Diabetes mellitus is an extremely common disease that is reaching epidemic proportions owing to major increases in the incidence of obesity and the propensity for a sedentary life. The need for physicians to familiarize themselves with all forms of diabetes is essential and the Atlas of Diabetes Mellitus goes a long way toward making the task easie

Atlas of Nuclear Cardiology

Glossary 4 Chapter 1: Basics of Cardiac Magnetic

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Resonance and 6 Normal Views 1. 1 Definition and Physical Basics 6 a. Definition and historical background 6 b. Physical basics 6 1. 2 Technical Modalities 10 a. Spin echo 12 b. Gradient echo 12 c. Fast gradient echo 13 d. Specialized techniques 13 e. Techniques under clinical investigation 13 1. 3 Study Methodology: Normal Anatomy 13 a. Technical equipment 13 b. Medical personnel 13 c. Preparation of the patient 13 d. Normal MRI anatomy 17 References 17 Chapter 2: Ventricular Morphology and Function: Study of 26 Cardiomyopathies 2. 1 Morphological Study of Heart Chambers 26 a. Left ventricle 26 b. Right ventricle 31 2. 2 Ventricular Function 31 a. Left ventricular function 31 b. Right ventricular function 33 2. 3 Cardiomyopathies 33 a. Dilated cardiomyopathy 33 b. Hypertrophic cardiomyopathy 33 c. Restrictive cardiomyopathy 35 d. Arrhythmogenic dysplasia of the right ventricle 35 References 35 (f) Chapter 3: Acquired Diseases of the Aorta 38 I c 3. 1 Technical Aspects of the Aortic Study by MRI: Imaging the Normal Aorta 38 3. 2 Aortic Aneurysm 43 3. 3 Aortic Dissection and Related Entities OJ 43 a. Strategy for the study of aortic dissection by MRI 43 I b. Differential diagnosis of aortic dissection by MRI 47 References 49 c o U . ;jj Chapter 4: Study of Valvular Heart Disease 54 4. 1 Introduction 54 4. 2 Velocity Calculation and Flow Quantitation 54 4.

Robbins and Cotran Atlas of Pathology E-Book

Articles include: Causes of the Difficult Airway,

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Management of the Difficult Airway in Oral and Maxillofacial Surgery, Emergency Cricothyrotomy, Operative Tracheostomy, Percutaneous Dialation Tracheostomy, Pediatric Tracheostomy, and Alternative Techniques in Airway Management.

Atlas of Clinical Sleep Medicine E-Book

This atlas comprehensively describes the application of computed tomography (CT) and magnetic resonance (MR) imaging in real-world scenarios using 192 illustrative clinical cases. These imaging techniques are revolutionizing the diagnostic and therapeutic approach for cardiovascular patients and are progressively becoming viable sub-specialties among radiologists and cardiologists. Clinical Atlas of Cardiac and Aortic CT and MRI features clinically relevant case-based examples of how CT and MR imaging techniques can be applied to identify the pathological features of a range of acquired and congenital heart diseases. Using more than 1000 high-quality figures of distinctive CT and MR imaging features of most cardiovascular diseases, both acquired and congenital, it therefore provides a valuable resource for both specialist and non-specialist radiology/cardiology practitioners seeking to develop a deep understanding of how to recognize the features of a variety of heart diseases using CT and MR imaging techniques.

Critical Cases in Electrocardiography

1.2 million myocardial infarctions occurred last year in

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the U.S., and 480,000 patients died following complications of infarction. Now, you can detect and treat the many complications associated with myocardial infarction in time to save many more patients. This title in the brand-new Clinical Diagnostic Imaging Atlas Series offers you authoritative guidance from a well-known cardiologist and imaging expert about when and how to perform the latest diagnostic imaging tests, interpret the results, and effectively treat the emergency. Detailed discussions of hot topics, full-color illustrations, and a DVD of procedural video clips, animations, and downloadable image libraries help you provide fast, appropriate treatment for each challenging case you face. Offers detailed advice on when and how to screen for the most prevalent but often difficult-to-diagnose complications of myocardial infarction to help you improve care and increase survival rates. Discusses the hottest topics in myocardial infarction, including cardiogenic shock . left ventricle remodeling . thrombi . right ventricle infarction . free wall rupture . false aneurysms . tamponade . ventricular septal rupture . papillary muscle rupture . and more that prepare you to better diagnose and manage whatever you see. Presents 70 fully illustrated case presentations with teaching points that make information easy to understand and digest. Addresses the advantages and limitations of chest radiology, transthoracic and transesophageal echocardiography, cardiac CT, MR, angiography, and nuclear cardiology techniques so you can quickly determine the best imaging approach. Includes supporting evidence and current AHA/ACC guidelines for more accurate interpretations of your imaging findings. Uses a

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Color Atlas of Pediatric Pathology

Focuses on advanced ECG tracings, including abnormalities frequently missed by experienced clinicians and computer algorithms.

Atlas of Atherosclerosis and Metabolic Syndrome

Color Atlas and Synopsis of Cardiovascular MR and CT (SET 2)

For many years, clinicians have relied on cardiac MRI. This atlas will primarily be categorized into two camps

Atlas of Histopathology

Use this expert guide to enhance your skills in implant surgery! With more than 1,500 illustrations, Atlas of Oral Implantology, 3rd Edition covers key topics including diagnosis and planning, basic implant surgery, advanced implant surgery, implant

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prosthodontics, and implant management. You will learn how to select patients who are best suited for dental implants, evaluate host sites, select the proper type of implant for each patient, and place dental implants step-by-step. You'll also learn to observe patients, diagnose incipient problems, institute remedial techniques for problems, and perform a wide variety of restorative modalities. Explains techniques with easy-to-follow instructions. Demonstrates how to manage and maintain patients during the postoperative period. Includes long-term follow-up cases accurately showing "real life examples. Includes extensive appendices with information ranging from antibiotic prophylactic regimens to CAD-CAM computed tomography. Updates coverage with current technology, the latest surgical techniques, and today's implant designs. Emphasizes hot topics such as implant esthetics, immediate loading implants, and site development of both hard and soft tissue augmentation.

Myocardial Infarction: A Companion to Braunwald's Heart Disease E-Book

The long-awaited third edition of An Atlas of Clinical Nuclear Medicine has been revised and updated to encapsulate the developments in the field since the previous edition was published nearly two decades ago. Highlights of the Third Edition: Adopts a structured format throughout for quick assimilation Includes expanded coverage of new radiopharmaceu

Clinical Atlas of Cardiac and Aortic CT

Read Book An Atlas Of Myocardial Infarction And Related Cardiovascular Complications Encyclopedia Of Visual Medicine and MRI

This book combines clear explanatory text with a wealth of images of ECG recordings in order to provide an accessible, up-to-date source of information and guide to interpretation for all professionals seeking to increase their expertise in electrocardiography. ECG results are presented and discussed for a wide range of conditions, including all forms of arrhythmia, Wolff-Parkinson-White syndrome, bundle branch blocks, ischemic cardiomyopathy, atrial and ventricular enlargement, pericardial and myocardial diseases, diseases of the pulmonary circulation, and post pacemaker implantation. Normal ECG findings are fully described, and helpful introductory information is included on the principles of electrophysiology. The practically oriented text accompanying the ECG recordings covers both electrophysiological and clinical aspects. More than 100 years after its first use by Willem Einthoven, electrocardiography continues to be the first diagnostic tool applied in most cardiac patients. This text atlas provides a sound basis for the correct ECG interpretation essential for appropriate patient management.

Atlas of Oral Implantology - E-Book

The aim of the 4th edition of the Atlas of Nuclear Cardiology is to provide physicians and students in cardiology, radiology, and nuclear medicine who want the latest information in the field of cardiovascular nuclear medicine up-to-date and comprehensive

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information on advances in instrumentation, radiotracers, protocols, and clinical studies. Unlike other books that are narrow in their scope of either technology and technique or clinical studies, the 4th edition of the Atlas will present diagnostic algorithms and schematic diagrams integrated with nuclear cardiology procedures generously interspersed with color illustrations to emphasize key concepts in cardiovascular physiology, pathology, and metabolism relevant for the clinical practice of cardiology. The atlas emphasizes today's most current information, meeting the requirements for those who will be using the book as a reference source for certifying or re-certifying in cardiology, nuclear cardiology, nuclear medicine or radiology. Hybrid PET/CT and SPECT/CT represent new technologies that were introduced recently in clinical medicine and are evolving rapidly with several improvements in instrumentation, imaging procedures as well as in clinical trials that support the expanded role of these technologies in clinical practice. As such, an updated 4th edition of the Atlas is critical in order for the clinicians remain current with the imaging field and maintain their skills. Imaging protocols with the se technologies have to be updated and/or expanded in order to acquire high quality images at a reduced radiation burden to the patient while advancing the application of these techniques for more advanced disease detection. Accordingly, beyond significantly updating the chapters from the 3rd edition, 2 new chapters will be introduced in the 4th edition, which reflects the expanded clinical applications of the technologies in the past 3 years. The new chapters are as follows: "Hybrid SPECT/CT and PET/CT Imaging" and a

dedicated chapter on "Radiation Safety and Exposure: Clinical Decision-Making and the Risk-Benefit Ratio". Chapter 7 from the 3rd edition will be deleted. The updated Atlas will serve as a reference source for all cardiologists, radiologists, and nuclear medicine physicians interested in the most up-to-date approaches to noninvasive diagnostic cardiovascular nuclear imaging techniques for the evaluation of patients with known or suspected coronary artery disease as well as non-coronary heart disease. It will also serve as a ready reference textbook for medical students and residents interested in the practice of cardiovascular medicine.

The Atlas of Heart Disease and Stroke

The field of structural heart disease interventions is experiencing a stage of rapid growth with the development of percutaneous mitral valve repair therapies and percutaneous aortic valve replacement therapies. The MitraClip represents a new therapeutic frontier for mitral regurgitation and is expected to revolutionize repair of the mitral valve. For the first time in the world, physicians now have the capability to repair the mitral valve percutaneously without the need for a sternotomy or cardiopulmonary bypass. However, as with all new endeavors, there is a steep learning curve, not just for the individual operator but also for the entire field. The MitraClip technology and technique is technically complex and is guided by echocardiography and fluoroscopy. It is an imaging intensive procedure that requires deep 3-dimensional understanding of normal and abnormal cardiac

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anatomy. Not all mitral regurgitation cases are suitable and not all cases are straightforward. It is therefore crucially important for physicians in this specialty to communicate their experience, successes, failures and complications with each other. Written by the leaders in this breakthrough field, the Atlas of Percutaneous Edge-to-Edge Mitral Valve Repair is the first of its kind for the new percutaneous MitraClip procedure. The Editors have designed the book to be a comprehensive reference manual and to provide cardiologists with true examples of basic and complex cases of percutaneous mitral valve repair using the technology. In addition, this book provides step-by-step guides to the procedure and complications as well as steps to recover from them are discussed. The Atlas is anticipated to be a very valuable reference for both novice and experienced interventional cardiologists and echocardiologists. As percutaneous valve repair becomes more common it will also be of great interest to general cardiologists and surgeons.

An Atlas of Gynecologic Oncology

2014 BMA Medical Book Awards Highly Commended in Internal Medicine category! Accurately diagnose and treat adult and pediatric sleep disorders with exceptional visual guidance from world-renowned sleep expert Dr. Meir H. Kryger. Atlas of Clinical Sleep Medicine is an easy-to-read, highly illustrated atlas that details the physiologic, clinical, morphologic, and investigational aspects of the full range of sleep disorders you encounter in everyday practice -- and

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helps you interpret the visual manifestations of your patients sleep disorders so you can manage them most effectively. "... a nice addition to your library and a powerful teaching tool in a training program."

Reviewed by Sleep Breath, Oct 2014 "As a regular teacher on the same range of sleep disorders, one of its best features is excellent online access (to all the pictures, graphs, polysomnography traces and patient videos)." Reviewed by Advances in Clinical

Neuroscience and Rehabilitation (ANCR), Jan 2015

Visually grasp how sleep affects each body system thanks to a full-color compendium that correlates the physiology of sleep with the relevant findings.

Determine the best and most up-to-date drug therapy with information about the latest drugs available as well as those in clinical trials. Compare your patients' polysomnograms to a wealth of high-quality recordings taken from the latest machines used by institutions around the world. Score, interpret, and diagnose sleep disorders employing the scoring rules from the latest AASM scoring manual. Stay current with the latest on sleep and psychiatric disease, circadian desynchrony, dreaming, insomnia, home sleep testing, new sleep apnea treatments, and more. Understand the correlation between sleep and other health issues - such as stroke and heart failure. Find diagnostic and treatment information quickly and easily thanks to a highly illustrated, easy-to-read format that highlights key details. Access the fully searchable text as well as all of the book's illustrations, more than 20 patient interview videos, over 40 sleep lab videos, and 200-plus polysomnogram fragments at Expert Consult.

Colour Atlas of First Pass Functional Imaging of the Heart

Designed to complement Robbins and Cotran Pathologic Basis of Disease, 8th Edition and Robbins Basic Pathology, 8th Edition, this full-color atlas offers more than 1,500 outstanding full-color illustrations that vividly depict the diseases you need to know for pathology courses and USMLE exams. A quick visual reference or review of material for students and professionals alike. Includes gross, microscopic, and radiologic images correlated with examples of normal organs and tissues for comparison. Extensive legends summarize the key information you need to know. Correlates pathology with clinical history, physical exam findings, and clinical laboratory tests. A perfect study complement to Robbins and Cotran Review of Pathology. Includes many new and improved images.

Comprehensive Atlas of 3D Echocardiography

This is the first book to present an overview of the exciting new cardiac imaging technique of tissue Doppler echocardiography (TDE). In order to understand the background of this technique, it is necessary to compare the physical properties of blood, which reflects ultrasound poorly but moves with high velocity (up to 150 cm/s) with those of the myocardium, which reflects ultrasound strongly but moves with low velocity (less than 10 cm/s). In tissue Doppler imaging, existing Doppler technology has been modified to bypass the high-pass filter and

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enhance calculation of low velocities, thus enabling selective visualization of the myocardium rather than of the blood. Because the color Doppler tissue images are superimposed on the conventional two-dimensional ultrasound images, this technique is known as TDE. Following a brief introduction, the history of ultrasound and Doppler imaging is presented. It is now about 150 years since the death of Christian Doppler, who described the "Doppler" effect, and more than 100 years since Pierre Curie discovered the piezoelectric effects of crystals. TDE was developed by Nobuo Yamazaki and Yoshitaka Mine at the Medical Engineering Laboratory, Toshiba Corporation, Tochigi, Japan. Engineers involved in the development of the technique have provided important technical information, which the reader will find an invaluable background to potential applications of TDE.

Atlas of Diabetes Mellitus

Sobotta - Atlas of Human Anatomy: the exam atlas for understanding, learning, and training anatomy The English-language Sobotta Atlas with Latin nomenclature is specifically adapted to the needs of preclinical medical students. Right from the start, the book concentrate on exam-relevant knowledge. The new study concept simplifies learning—understanding—training: Descriptive legends help the student identify the most important features in the figures. Clinical examples present anatomical details in a wider context. All illustrations have been optimized, and the lettering reduced to a

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minimum. Note: The image quality and clarity of the pictures in the E-Book are slightly limited due to the format. Volume 2 "Internal Organs" includes the following topics: Viscera of the Thorax Viscera of the Abdomen Pelvis and Retroperitoneal Space

Text Atlas of Practical Electrocardiography

This volume, written by the leaders in the field, will provide a practical and comprehensive overview of the electrocardiogram (ECG). The ECG remains the most accessible and inexpensive diagnostic tool to evaluate the patient presenting with symptoms suggestive of acute myocardial ischemia. The ECG in Acute Myocardial Infarction and Unstable Angina, written by Drs. Hein Wellens, Anton Gorgels and Pieter Doevendans, is an excellent reference for any cardiac electrophysiologist, cardiologist, internist or emergency room physician.

Atlas of Heart Failure

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

Sobotta Atlas of Human Anatomy, Vol. 2, 15th ed., English

An atlas of all aspects of coronary atheroma and ischemic heart disease, detailing normal anatomy and structure, disease processes, coronary plaque, myocardial ischemia, atherosclerosis, non-

atherosclerotic coronary disease, and interventional vascular disease. There are illustrations which show the perfuse fixed human coronary arteries as they would be seen by the naked eye, and the morphology is related to the angiographic appearances seen in post-mortem studies.

Atlas of Percutaneous Edge-to-Edge Mitral Valve Repair

Get the tools and knowledge you need for effective diagnosis, evaluation, and management of patients with acute myocardial infarction. Myocardial Infarction: A Companion to Braunwald's Heart Disease, by David A. Morrow, MD, is a comprehensive, hands-on resource that provides practical guidance from a name you trust. Concise and easy to use, this text explores the most recent tools for diagnosis and therapeutic decision-making, as well as the full range of available management strategies, providing outcomes data for each strategy. Myocardial Infarction also includes regular updates with late-breaking clinical trials, reviews of important new articles, and the latest guidance on clinical practice, all selected and masterfully edited by Dr. Eugene Braunwald. Provides thorough discussions of ECG, established and emerging biochemical markers, angiography, nuclear cardiology, echocardiography, and cardiac MRI and CT. Features an extensive treatment section that covers the latest drugs and most recent clinical trials of antiplatelet therapy, coronary revascularization, gene therapy, and approaches to reperfusion injury and ventricular

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remodeling. Discusses special considerations for the evaluation of acute coronary syndromes in the emergency department, and use of advanced technologies in cardiac critical care. Covers key topics such as in-hospital complications, cardiogenic shock, transitions to post-discharge care, and cardiac rehabilitation. Includes Clinical Practice/Controversy chapters that highlight management-focused, practical topics covering expert approaches for areas of uncertainty. Offers guidance on the management of special populations. Consult this title on your favorite e-reader for access to regularly added update content, to conduct rapid searches, and adjust font sizes for optimal readability.

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