

Cardiac Drug Therapy 8th Edition

Oh's Intensive Care Manual E-Book
The Pacemaker Clinic of the 90's
Cardiovascular Physiology 8/E
Braunwald's Heart Disease
Cardiac Drug Therapy
Nurse Anesthesia E-Book
Cardiovascular and Pulmonary Physical Therapy - E-Book
Heart Disease in Primary Care
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Myocardial viability
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Cardiovascular Drug Therapy
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Drugs for the Heart
Cardiovascular Disability
Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 8th edition
Netter's Cardiology E-Book
Nuclear Cardiology in Everyday Practice
Textbook of Cardiology
Electrocardiography and Cardiac Drug Therapy

Oh's Intensive Care Manual E-Book

Since the first pacemaker implantation in October 1958 by Senning and Elmquist in Sweden, cardiac pacing for bradycardia has become a well-established therapy. The impressive growth of clinical experience and the rapid development of pacemaker devices have greatly contributed to this situation. The electrical therapy appears to be so easy that insertion of the lead and its connection to the pacemaker generator requires little effort, skill or insight. However, after implantation a patient's condition seldom remains stable, which requires a flexible pacing program to cover all new cardiac events, and broad insight from clinician and technical colleagues. The Pacemaker Clinic of the 90's teaches anatomical and electrophysiological aspects of pacing, supports the prevention of complications, and points to new developments in the field. Apart from classical indications for cardiac pacing, the book discusses the validity of the latest indications, supporting the cardiologist and the associated professional in selecting the appropriate pacing mode and pacemaker follow-up in individual patients. The Pacemaker Clinic of the 90's will be a helpful companion for years to come.

The Pacemaker Clinic of the 90's

This manual, based on the definitive reference, is a concise and portable guide to the pharmacologic management of cardiovascular conditions. Focused on clinically relevant information related to drug treatment, this book features tables and charts for quick reference.

Cardiovascular Physiology 8/E

Interest in the humane and scientifically justifiable use of research animals has intensified since the publication of the first edition of this textbook. This completely revised and updated text provides information essential to any researcher interested in using animal models for cardiovascular research, or any research which requires normal cardiovascular function. The format and presentation have been changed to make the text more easy to read and use. An introductory chapter offers general principles of animal selection, pre and post-operative care, preanesthesia, chemical restraint, analgesia, and the recognition of pain. The number of references cited has been almost doubled over the previous text and the chapter tabulating normal cardiovascular parameters from intact, awake animals, of those species commonly used in research, has been greatly expanded. Other chapters providing comprehensive data on the cardiovascular effects of opioids, tranquilizers, anesthetic agents and other drugs commonly used in cardiovascular research have been expanded with special emphasis on species variability to drug effects. The chapters on both naturally occurring and iatrogenic models of cardiovascular disease have also been expanded and updated.

Braunwald's Heart Disease

Optimize perioperative outcomes with Kaplan's Cardiac Anesthesia! Dr. Joel L. Kaplan and a host of other authorities help you make the best use of the latest techniques and navigate your toughest clinical challenges. Whether you are administering anesthesia to cardiac surgery patients or to cardiac patients undergoing non-cardiac surgery, you'll have the guidance you need to avoid complications and ensure maximum patient safety. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Update your understanding of cardiovascular and coronary physiology, and the latest advances in molecular biology and inflammatory response mechanisms. Master the newest approaches to perioperative assessment and management, including state-of-the-art diagnostic techniques. Tap into the latest knowledge about 2D and 3D transesophageal echocardiography, anesthesia delivery for minimally invasive/robotic cardiac surgery, assist devices and artificial hearts, cardiac pacing, cardiac resynchronization therapy, ablation techniques, and more. Access the complete contents online at Expert Consult, plus additional online-only features including an ECG atlas videos that demonstrate 2-D and 3-D TEE techniques in real time and an Annual Year End Highlight from the Journal of Cardiovascular Anesthesia that's posted each February. Clearly visualize techniques with over 800 full-color illustrations.

Cardiac Drug Therapy

Quick and convenient, this resource provides a clinical overview of a wide variety of diseases and disorders that affect the cardiovascular system and lungs and the physical therapy management of patients with them. It integrates key concepts of pathophysiology, clinical manifestations, diagnostic tests and laboratory information and findings with clinically important medical and surgical interventions and pharmacologic therapies — then applies the material to physical therapy evaluation and treatment. This edition adds an introductory chapter on the

oxygen transport pathway, the effects of dysfunction along the pathway, and the implications for physical therapy. Offers a complete overview including basic cardiopulmonary anatomy and physiology, the pathophysiology of commonly encountered cardiac and pulmonary disorders, diagnostic tests and procedures, therapeutic interventions, pharmacology, physical therapy evaluation and treatment, and clinical laboratory values and profiles. Uses a bulleted format to make finding information quick and easy. Lists the latest drugs used for the treatment of cardiopulmonary disorders. Includes information on laboratory medicine and pediatrics to help you apply cardiopulmonary principles to practice. Follows the oxygen transport pathway — the delivery, uptake and, extrication of oxygen as it actually functions in a clinical setting — providing a logical framework for understanding cardiopulmonary concepts. Explains the implications of defects in the pathway — essential considerations for clinical practice. Includes a comprehensive listing of common cardiopulmonary diseases, as well as a number of other diseases that are associated with cardiopulmonary dysfunction. Provides new and updated illustrations that depict common pathologies such as the pathophysiology of left ventricular diastolic and systolic dysfunction, volume versus pressure overload, and dilated versus hypertrophies versus restrictive cardiomyopathies. Includes descriptions of important interventions such as lung volume reduction surgery and lung transplantation. Adds a new section on simple anthropometric measurements for determining obesity, with information on this demographic trend and how it impacts assessment.

Nurse Anesthesia E-Book

Cardiovascular and Pulmonary Physical Therapy - E-Book

For almost 40 years, a small but intense group of cardiovascular investigators have evaluated cardiac performance by measuring the mass, velocity, and acceleration of blood ejected from the left ventricle. These studies reveal that energy is transferred from ventricle to blood very early in systole, and that the left ventricle is characterized as an impulse generator. Recent explosive developments in Doppler echocardiography have allowed study of the energetics of ventricular contraction through noninvasive acceleration, velocity, and volumetric flow measurements. Compared against reference standards of ejection fraction, dP/dt , and instantaneous pressure gradient across the aortic valve, Doppler acceleration and velocity measurements are highly sensitive to changes in ventricular performance. Most patients seeking cardiovascular care present with coronary artery disease as a chief concern. This book focuses upon identification of coronary disease presence and severity through the evaluation of left ventricular Doppler ejection responses to stress loading. Chapters 1 through 4 detail basic research on the dynamics of left ventricular ejection in ischemic and nonischemic animal models. Chapters 5 through 13 present clinical correlates of changes in the Doppler systolic ejection pulse during exercise and under pharmacologic stress loading. Angiographic anatomy, thallium perfusion defects, and radionuclear ejection fraction responses serve as reference standards. Chapters 14, 15 and 16 address applications of Doppler echocardiography during the stresses of brief coronary occlusion, myocardial infarction and post infarction recovery, while chapters 17 and 20 illustrate applications of stress Doppler techniques in valvular

heart disease.

Heart Disease in Primary Care

The ideal source of fast, reliable guidance on diagnosis and management of both common and rare cardiovascular problems, this handbook covers more than 170 problems, diseases, syndromes, and chief complaints in the popular, easy-to-read, two-page 5-Minute Consult format.

Stress Doppler Echocardiography

Braunwald's Heart Disease E-Book

Adverse cutaneous drug reactions (ACDR) are among the most frequent events in patients receiving drug therapy. Cardiovascular (CV) drugs are an important group of drugs with potential risk of developing ACDR especially in elderly as marketing of more new drugs and their prescription continue to increase. However, like with most other drugs the exact incidence of cutaneous side effects from CV drugs is difficult to estimate due to sporadic reporting. Moreover, a reliable designation of a certain drug as the cause of a certain type of reaction can rarely be made. Apart from the well-known angioedema/urticaria from ACE inhibitors, lichen planus / lichenoid reaction from beta adrenergic blockers and photosensitivity from thiazid diuretics, ACDR from CV drugs might be seen in a wide spectrum extending to rare but life-threatening conditions such as erythroderma, Stevens-Johnson syndrome, toxic epidermal necrolysis or drug hypersensitivity syndrome. In this comprehensive review, the reported types of ACDR to CV drugs will be discussed according to drug class and the type of dermatologic reaction with special emphasize on cross-reactions and the role of patch testing in diagnosis.

Myocardial viability

Long respected as the most comprehensive nurse anesthesia resource available, this new edition continues the tradition of bringing together leading experts to create a balanced reference that applies scientific principles to today's clinical anesthesia practice. Inside you'll find a solid introduction to the equipment and patient care techniques unique to nurse anesthesia side-by-side with the cutting-edge research and application of evidence necessary to prepare you for tomorrow. Over 700 tables and boxes highlight the most essential information in a quick, easy-to-reference format. An easy-to-use organization with basic principles covered first, followed by individual chapters for each surgical specialty, ensures you have the information you need to build your knowledge. Over 650 figures of anatomy, nurse anesthesia procedures, and equipment enhance your understanding of complex information. Expert CRNA authors provide the most up-to-date and relevant clinical information you'll use in daily practice. The latest pharmacology information on pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs to keep you up-to-date. Thoroughly updated references make finding the latest and most important research in the field quick and simple. New chapters address legal issues, neonatal anesthesia, anesthesia education, clinical

monitoring, regional anesthesia, unexpected complications, and more. Expanded coverage of chemistry and physics as well as immunology makes these difficult fundamental topics easier to understand and apply to everyday practice. Over 100 new images enhance your understanding of difficult anesthesia concepts.

Emergency and Trauma Care for Nurses and Paramedics

Coronary flow reserve is a functional measure of stenosis severity reflecting the integrated effects of its geometry including percent stenosis, absolute lumen area, length and shape. Its clinical application has been primarily qualitative in non-invasive, perfusion imaging. Measurement of coronary flow reserve during routine coronary arteriography has been an elusive goal. Transit time and indicator dilution techniques for assessing coronary flow reserve at cardiac catheterization are associated with marked variability compared to microspheres or flow meters, thereby making their use questionable in comparison to the precision of good quantitative arteriography. Coronary flow reserve measured by special Doppler catheters as an adjunct to coronary arteriography shows in man the value of this integrated functional measure of stenosis severity and the limitations of percent diameter narrowing as a measure of its physiologic significance. However, Doppler catheters require additional instrumentation that is not yet an integral part of coronary arteriography and provide measures of absolute coronary flow reserve only. Relative maximum flow or relative flow reserve has been demonstrated to be an important independent, complimentary descriptor of stenosis severity independent of fluctuating hemodynamic conditions. The method developed for DSA by Nico Pijls, described in this book is the first approach for assessing relative coronary flow reserve as a part of routine coronary arteriography by DSA. The theory and basic concepts are well developed, experimental validation thorough and clinical applications timely.

Emergency Medicine E-Book

This Textbook of Cardiology (A Clinical and Historical Perspective) written in straight-forward, clear, lucid and easy to grasp language. It published for the first time in the world with the unique feature of mingling various aspects of clinical cardiology with the historical perspective. More than 100 contributors from India and abroad have contributed in the book. Unique for enhancing knowledge and innovative potentials for undergraduates, postgraduates and practising cardiologists, cardiac surgeons, pediatricians and pediatric surgeons, intensivists and physicians. The book is organized into.

Bennett's Cardiac Arrhythmias

This popular core nursing pharmacology textbook provides unique coverage of nursing interventions for drug therapy with related rationales. Highly praised for its organized and readable presentation, the text explains the "why" behind each nursing action and emphasizes how drugs work differently in different patients. New to the Eighth Edition are case studies integrated into each chapter with case-based questions that foster critical thinking. New Research Briefs summarize current research and its nursing implications. A new chapter covers drugs for

obesity, and all nutrition products have been consolidated into one chapter. New NCLEX®-style questions appear at the end of each drug chapter.

Kaplan's Cardiac Anesthesia E-Book

Since the introduction of ultrasound in cardiology in the mid fifties, echocardiography has continued to grow and has finally become, in particular after the introduction of Doppler modalities, the working horse of the cardiologist. Although many books have been written on this subject Dr. Hamer's book is a very valuable contribution, as it provides, in particular information for practicing clinicians and technicians. Clearly written and nicely illustrated, this book is a must for those interested in this field. C.A. Visser Professor of Echocardiology Preface Trans-thoracic echocardiography is a patient friendly technique without pain or discomfort. It is harmless and the patient can relax during the examination. With these advantages in mind there is hardly any technique in cardiology that can provide so much valuable information about the function of the heart. If Doppler and color Doppler, also painless techniques, are added to echo cardiography additional information about blood flow velocities, insufficiency and stenosis of valves, detection of shunts etc. is obtainable. Less patient friendly but - if selectively used - very informative, is trans esophageal (color Doppler) echocardiography.

Waltham International Focus

The Social Security Administration (SSA) uses a screening tool called the Listing of Impairments to identify claimants who are so severely impaired that they cannot work at all and thus immediately qualify for benefits. In this report, the IOM makes several recommendations for improving SSA's capacity to determine disability benefits more quickly and efficiently using the Listings.

Cardiovascular Drug Therapy

Braunwald's Heart Disease remains your indispensable source for definitive, state-of-the-art answers on every aspect of contemporary cardiology. Edited by Drs. Robert O. Bonow, Douglas L. Mann, Douglas P. Zipes, and Peter Libby, this dynamic, multimedia reference helps you apply the most recent knowledge in molecular biology and genetics, imaging, pharmacology, interventional cardiology, electrophysiology, and much more. Weekly updates online, personally selected by Dr. Braunwald, continuously keep you current on the most important new developments affecting your practice. Enhanced premium online content includes new dynamic cardiac imaging videos, heart sound recordings, and podcasts. With sweeping updates throughout, and contributions from a "who's who" of global cardiology, Braunwald's is the cornerstone of effective practice. Continuously access the most important new developments affecting your practice with weekly updates personally selected by Dr. Braunwald, including focused reviews, "hot off the press" commentaries, and late-breaking clinical trials. Practice with confidence and overcome your toughest challenges with advice from the top minds in cardiology today, who synthesize the entire state of current knowledge and summarize all of the most recent ACC/AHA practice guidelines. Locate the answers

you need fast thanks to a user-friendly, full-color design with more than 1,200 color illustrations. Search the complete contents online at www.expertconsult.com. Stay on top of the latest advances in molecular imaging, intravascular ultrasound, cardiovascular regeneration and tissue engineering, device therapy for advanced heart failure, atrial fibrillation management, structural heart disease, Chagasic heart disease, ethics in cardiovascular medicine, the design and conduct of clinical trials, and many other timely topics. Hone your clinical skills with new dynamic cardiac imaging videos, heart sound recordings, and podcasts at www.expertconsult.com.

The AHA Clinical Cardiac Consult

Emergency Medicine, 2nd Edition delivers all the relevant clinical core concepts you need for practice and certification, all in a comprehensive, easy-to-absorb, and highly visual format. This well-regarded emergency medicine reference offers fast-access diagnosis and treatment guidelines that quickly provide the pearls and secrets of your field, helping you optimize safety, efficiency, and quality in the ED as well as study for the boards. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Get clear, concise descriptions and evidence-based treatment guidelines for a full range of clinical conditions, ranging from the common to the unusual. Find the information you need quickly with a highly visual format that features hundreds of full-color clinical photographs, illustrations, algorithms, tables, and graphs, plus key information highlighted for fast reference. Consult high-yield text boxes in every chapter for Priority Actions, Facts and Formulas, Documentation, Patient Teaching Tips, Red Flags, and Tips and Tricks. Make the most of your limited time with easy-to-digest blocks of information, consistently presented for clear readability and quick reference. Study efficiently and effectively for the boards, or rapidly consult this title in daily practice, thanks to well-organized chapters, a superb use of images and diagrams, and clinically relevant, easy-to-understand content. Benefit from the knowledge and expertise of renowned educators, dedicated to compiling today's best knowledge in emergency medicine into one highly useful, readable text. Be prepared to manage increasingly prevalent problems seen in the ED, such as emergent complications of fertility treatment and management of patients who have had bariatric surgery. Deliver high-quality care to your younger patients with expanded pediatrics content. Stay up to date with new chapters on Clotting Disorders and Hemophilia, Patient-Centered Care, Health Disparities and Diversity in Emergency Medicine, Cost-Effectiveness Analysis, Antibiotic Recommendations for Empirical Treatment of Selected Infectious Diseases, and Cardiac Emergency Ultrasound: Evaluation for Pericardial Effusion & Cardiac Activity. Access the complete contents of Emergency Medicine online, fully searchable, at www.expertconsult.com, with downloadable images, tables and boxes, and expanded chapters, plus videos demonstrating ultrasound-guided vascular access, sonography for trauma, and more.

Handbook of Pediatric Cardiovascular Drugs

This book is an essential guide to the medical treatment of the cardiac patient and presents core principles of cardiovascular therapeutics as well as drug

recommendations. Major classes of drugs are featured, including beta-blockers, ACE inhibitors, calcium antagonists, diuretics, and antiplatelet agents and unique insights into the controversies surrounding the use of specific drugs are explored, with answers given to the question: do beta blockers and diuretics really cause diabetes? Properties, dosage, side effects, potential salutary benefits, and drawbacks on virtually all commercially available cardiac drugs are examined. This revised edition is thoroughly updated and addresses the entire spectrum of heart disorders, such as hypertension, angina, myocardial infarction, heart failure, arrhythmias, cardiac arrest, and dyslipidemias. New chapters include endocrine heart diseases, management of cardiomyopathies, and newer agents. In addition, topics such as cardiac drugs in pregnancy and lactation and drug interactions are covered. Cardiac Drug Therapy, Eighth Edition, is an authoritative and clinically relevant resource for cardiologists, cardiology fellows, and internists.

Pericardial Disease

In November 1986, I was invited to attend a symposium held in Barcelona on Diseases of the Pericardium. The course was directed by Dr. J. Soler-Soler, director of Cardiology at Hospital General Vall d'Hebron in Barcelona. During my brief but delightful visit to this institution, my appreciation of the depth and breadth of study into pericardial diseases, carried out by Dr. Soler and his group, grew into the conviction that these clinical investigators have accumulated a wealth of information concerning pericardial diseases, and that investigators and clinicians practicing in English speaking countries would greatly profit from ready access to the results of the clinical investigations into pericardial disease carried out in Barcelona. The proceedings of the Barcelona conference were published in a beautifully executed volume in the Spanish language edited by Dr. Soler and produced by Ediciones Doyma. Because I believe that this work should be brought to the attention of the English speaking scientific and clinical communities, I encouraged Dr. Soler to have the book translated into English. I knew that this task could be accomplished and that the book would be translated into good English without change of its content. My confidence was based upon a translation of my own book, *The Pericardium*, into Spanish undertaken by Dr. Permanyer, who is a contributor and co-editor of the present volume.

Cardiac Electrophysiology: From Cell to Bedside E-Book

Cardiac Drug Therapy

This book is a comprehensive overview of electrocardiography and the major effects of current cardiac pharmacological therapy on electrocardiography. The text is based on work presented at the International Symposium on Non-invasive Cardiovascular Diagnosis and Therapy, held in May, 1987 at the University of Cologne. The theme of the book is to review, in broad clinical perspective the current state-of-the-art of electrocardiography as it pertains to standard electrocardiograms, exercise testing, ambulatory electrocardiography, electrocardiographic telemetry, and high resolution electrocardiography. Furthermore, advance!, in cardiac drug therapy in relation to diuretics, beta blocking drugs, antiarrhythmic

agents and thrombolytic agents are reviewed. The emphasis of the conference and this book is to review the clinical state-of-the-art information and applications in this regard. In the initial section on electrocardiography, Dr. Spodick reviews our present day physiologic and pathophysiologic understanding of systolic time intervals, and how they are affected by a variety of cardiac disease states and pharmacologic agents. Dr. Ellestad examines problems and provides pragmatic tips on exercise testing in the diagnosis of coronary artery disease, and advances in exercise scores and computer analysis. Dr. Graboys reviews the value of exercise testing in the diagnosis and management of patients with serious ventricular arrhythmias. Dr. Kellermann presents the complimentary role that exercise testing plays in comprehensive follow-up therapy of the cardiac patient, and the use of exercise for work and physical training. Detailed information concerning the interaction of cardiac rehabilitation and ventricular arrhythmias are examined.

Maximal Myocardial Perfusion as a Measure of the Functional Significance of Coronary Artery Disease

Highly praised for its clear organization and approachable presentation, Abrams' Clinical Drug Therapy, Twelfth Edition continues a long tradition of guiding students and instructors through the practice of safe and effective medication administration. Expert pharmacology educators and clinicians explain the "why" behind each nursing action and emphasize individualized nursing care and drug therapy to promote optimal outcomes in every care setting. This updated edition is filled with case studies, concept maps, and other engaging features, and is complemented by robust online resources that reinforce understanding and establish a solid foundation for success from the classroom to the NCLEX® to clinical practice.

Psychiatric Side Effects of Prescription and Over-the-counter Medications

The most salient feature of the infor last four chapters of the book evaluate the mation provided by nuclear medicine is its information from an analytical and pathophysiological and functional charac statistical point of view. This approach is ter. For adequate experimental or clinical required for correct decision-making. interpretation, such information should This book is therefore the result of necessarily be interpreted alongside the accumulated experience in nuclear cardiology views of the clinical cardiologist, who is with the invaluable cooperation of medical able to apply it to the individual patient. statisticians. It is directed to physicians This approach, which is routine in every with an interest in nuclear cardiology, to day clinical practice, reaches its plenitude nuclear medicine specialists wishing to when the whole process is completed and learn the uses and limitations of these an intimate cooperation is established procedures in everyday clinical cardiology, between the nuclear medicine specialist and to cardiologists who feel the need to and the clinical cardiologist. In such understand the rationale and methodology instances, each one of these professionals of the studies which benefit their patients. understands the needs, limits and possi We understand that the ultimate reason bilities of the other. for any scientific book is the transmission

The present book is the fruit of such of knowledge, and we are fully conscious cooperation. In our hospital, an efficient of the enthusiasm of the authors of the nuclear cardiology team has been made up present text to achieve that aim.

Abrams' Clinical Drug Therapy

A pocket-sized guide to the complexities of modern cardiovascular drug therapy. This revised edition provides up-to-date coverage of all aspects of late-1990s cardiac drug usage.

Adverse Cutaneous Drug Reactions to Cardiovascular Drugs

Dr. Braunwald's masterwork returns bringing you the definitive guidance you need to overcome any challenge in clinical cardiology today, using the best approaches available! Hundreds of world authorities, many of them new to this edition, synthesize all of the recent developments that are revolutionizing practice - from the newest findings in molecular biology and genetics to the latest imaging modalities, interventional procedures, and medications. This multimedia e-dition includes not only the printed reference, but also access to the complete contents online, fully searchable, with regular updates and much more. The expertise of the contributors, the scope of the coverage, and the versatile, multimedia format all make this the ultimate reference for the practicing cardiologist. Locate the answers you need fast, thanks to a user-friendly, full-color design, complete with more than 1,500 color illustrations. Glean clinically actionable information quickly with Clinical Practice Points in every chapter. Access the complete contents of the 2-volume set online, fully searchable, plus regular updates to reflect the latest clinical developments · Focused Reviews · Commentaries · Late-Breaking Trials · and more. Apply the latest knowledge in your field with 7 new chapters on Acute Heart Failure · Device Therapy of Heart Failure · Emerging Therapies for Heart Failure · Complementary and Alternative Approaches to Management · Prevention and Management of Stroke · Hypertrophic Cardiomyopathy · and Coronary Arteriography Guidelines. Get fresh perspectives on your practice with contributions from more than 20 brand-new authors.

Clinical Drug Therapy

The best cardiovascular physiology text for USMLE and exam review
Cardiovascular Physiology is a concise and enjoyable way for you to gain a fundamental knowledge of the basic operating principles of the intact cardiovascular system and how those principles apply to clinical medicine. Succinct but thorough, it focuses on the facts and concepts you must know to get a solid "big picture" overview of how the cardiovascular system operates in normal and abnormal situations. No other text will prove more valuable in enhancing your ability to evaluate the myriad new information you will be exposed to throughout your career, than Cardiovascular Physiology. FEATURES NEW Includes a "Perspectives" section in each chapter that identifies important unresolved issues Clarifies the details of physiologic mechanisms and their role in pathologic states Links cardiovascular physiology to diagnosis and treatment Summarizes key concepts at the end of each chapter Highlights must-know information with

chapter objectives Reinforces learning with study questions at the end of each chapter

Cardiovascular Pharmacotherapeutics Manual

In the past few years it has become clear that left ventricular dysfunction, even of severe degree, may be reversible after coronary revascularization in some patients. As a result, myocardial viability has captured the imagination of researchers and clinicians seeking to unravel the cellular and subcellular mechanisms and define appropriate diagnostic modalities. These diagnostic modalities include: cardiac catheterization, positron-emission tomography, magnetic resonance imaging, two-dimensional echocardiography and single-photon imaging. This book, for the first time, brings together a diverse array of information in a comprehensive and concise fashion using a template of ten chapters written by experts in the field. It will be required reading for cardiologists, radiologists, nuclear medicine specialists, cardiac surgeons, anesthesiologists, internists and basic researchers and their trainees who are involved in the management of patients with coronary artery disease in whom myocardial viability is a clinically relevant issue.

Animal models in cardiovascular research

This book addresses the pharmacology and therapeutic application of drugs used to treat heart diseases and hypertension. Additions and updates to the sixth edition include six new chapters on current controversies in cardiac drug therapy such as the beta blocker issue many cardiologists are presently grappling with. The book provides practical advice on how to manage cardiac diseases and addresses the choice of one particular cardiac agent vs. another.

Textbook of Interventional Cardiology

A unique overview of all major angiographic lipid intervention trials, presented by their principal investigators. Basic mechanisms and methodological aspects, including biochemical as well as angiographic aspects, are discussed by experts in these fields. A careful comparison of all available data permits an analysis to be made of what may currently be considered proved, which aspects merit further investigation, and which hypotheses should be rejected. Audience: Clinicians involved in the practice of lipid lowering and investigators involved in lipid-lowering clinical trials. Scientists involved in other areas of lipid research and investigators conducting coronary angiographic trials designed to study the influence of different interventions will find a wealth of information and practical guidelines in this book.

Practical Echocardiography in the Adult

Reviews of previous editions: "a well conceived practical guide to the interpretation and treatment of the main cardiac rhythm disturbances." —Lancet "This book presents a concise and simplified approach to the diagnosis and management of abnormalities in cardiac rhythm. One of the book's strengths is the number and quality of electrocardiographic tracings" —New England Journal of Medicine "this

book provides an excellent foundation for all those involved in the care of arrhythmia patients" —British Journal of Hospital Medicine "...would recommend it unreservedly to anaesthetists who wish to improve their knowledge of cardiac arrhythmias" —British Journal of Anaesthesia "This book about cardiac arrhythmias is of much educational value" —European Heart Journal A trusted source for junior doctors, students, nurses and cardiac technicians for over 30 years, the new edition of this classic reference continues the winning formula of previous editions while at the same time incorporating essential new content on today's most important clinical topics, including: Atrial fibrillation: ablation, drugs, rate control versus rhythm control, risk of systemic embolism, prognosis Indications for and management of implantable defibrillators including complications such as arrhythmia storms Indications for pacemaker implantation Anticoagulant therapy (for atrial fibrillation) Long QT syndromes and other channelopathies Recently-approved anti-arrhythmia drugs The 8th edition also features the latest guidelines on ECG screening of athletes and clear guidance for anaesthetists and surgeons dealing with patients with arrhythmias and/or implantable devices. Rich with example ECGs and designed for ease of access to information, Bennett's Cardiac Arrhythmias is the reference you can trust to help you master arrhythmia diagnosis and provide optimal treatment of any patient under your care.

Lipid-Lowering Therapy and Progression of Coronary Atherosclerosis

This handbook of drugs used in pediatric cardiac care will satisfy the need for a quick reference source of common drug therapy. There are no major texts available in the field of pediatric cardiology that exclusively provide therapeutic drug information. Several sources are available that present drug information for cardiology, but these place no emphasis on pediatric care and are written for general cardiac specialists.

Braunwald's Heart Disease E-Book

Ideal for cardiologists who need to keep abreast of rapidly changing scientific foundations, clinical research results, and evidence-based medicine, Braunwald's Heart Disease is your indispensable source for definitive, state-of-the-art answers on every aspect of contemporary cardiology, helping you apply the most recent knowledge in personalized medicine, imaging techniques, pharmacology, interventional cardiology, electrophysiology, and much more! Practice with confidence and overcome your toughest challenges with advice from the top minds in cardiology today, who synthesize the entire state of current knowledge and summarize all of the most recent ACC/AHA practice guidelines. Locate the answers you need fast thanks to a user-friendly, full-color design with more than 1,200 color illustrations. Learn from leading international experts, including 53 new authors. Explore brand-new chapters, such as Principles of Cardiovascular Genetics and Biomarkers, Proteomics, Metabolomics, and Personalized Medicine. Access new and updated guidelines covering Diseases of the Aorta, Peripheral Artery Diseases, Diabetes and the Cardiovascular System, Heart Failure, and Valvular Heart Disease. Stay abreast of the latest diagnostic and imaging techniques and modalities, such as three-dimensional echocardiography, speckle tracking, tissue

Doppler, computed tomography, and cardiac magnetic resonance imaging. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability.

Drugs for the Heart

Rapid advancements in cardiac electrophysiology require today's health care scientists and practitioners to stay up to date with new information both at the bench and at the bedside. The fully revised 7th Edition of *Cardiac Electrophysiology: From Cell to Bedside*, by Drs. Douglas Zipes, Jose Jalife, and William Stevenson, provides the comprehensive, multidisciplinary coverage you need, including the underlying basic science and the latest clinical advances in the field. An attractive full-color design features color photos, tables, flow charts, ECGs, and more. All chapters have been significantly revised and updated by global leaders in the field, including 19 new chapters covering both basic and clinical topics. New topics include advances in basic science as well as recent clinical technology, such as leadless pacemakers; catheter ablation as a new class I recommendation for atrial fibrillation after failed medical therapy; current cardiac drugs and techniques; and a new video library covering topics that range from basic mapping (for the researcher) to clinical use (implantations). Each chapter is packed with the latest information necessary for optimal basic research as well as patient care, and additional figures, tables, and videos are readily available online. New editor William G. Stevenson, highly regarded in the EP community, brings a fresh perspective to this award-winning text.

Cardiovascular Disability

For nearly 40 years, *Oh's Intensive Care Manual* has been the quick reference of choice for ICU physicians at all levels of experience. The revised 8th edition maintains this tradition of excellence, providing fast access to practical information needed every day in today's intensive care unit. This bestselling manual covers all aspects of intensive care in sufficient detail for daily practice while keeping you up to date with the latest innovations in the field. Short, to-the-point chapters distill the essential information you need to know for safe, effective care of patients in the ICU. Each topic includes theoretical knowledge, practical methods of treating the condition described, a review of the available evidence, and common pitfalls in treatment and management. Ideal for daily quick reference as well as an efficient review for professional examinations in critical care medicine.

Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 8th edition

The most widely used and highly regarded textbook and reference of emergency medicine -- Endorsed by the American College of Emergency Physicians The 8th edition of *Tintinalli's Emergency Medicine* provides the depth and breadth of coverage that reflects the complexity and expertise needed to practice emergency medicine successfully in today's fast-paced environments. It is an important contemporary clinical emergency care resource for physicians, NPs, and PAs who practice emergency medicine and for emergency medicine and pediatric

emergency medicine fellows. It remains the preferred study guide for in-training and board examinations and recertification. NEW to this edition: • Full-color design with more tables than ever to succinctly present key information • Extensive updates to all sections, incorporating the latest guidelines, evidence-based protocols, and relevant research • Expanded pediatric section, with complete clinical information for general and pediatric emergency physicians • Expanded coverage of common emergency department procedures, with improved illustrations • Online access to more than 30 videos, covering a wide range of procedural and diagnostic topics and focusing on the latest ultrasound-guided techniques From the reviews of the seventh edition: "Collectively, they have once again produced an excellent text that manages to cover the broad scope of emergency medicine while remaining an easily readable and practical resource. Last, for the inevitable comparison of this current edition of Tintinalli's Emergency Medicine with other available emergency medicine textbooks available: in my opinion, Tintinalli's still comes out on top. It is more concise and easier to read than some, yet it covers the breadth of emergency medicine practice more comprehensively than others. Just as previous editions did, the seventh presents all of the most pertinent and up-to-date information in a well-organized format that is comprehensive yet easy to read. That and many of the attractive new features in this current edition will ensure its place on my bookshelf for years to come."—JAMA

Netter's Cardiology E-Book

Netter's Cardiology, 2nd Edition, by Marschall S. Runge, Cam Patterson, and George Stouffer, uses visually rich Netter artwork to efficiently provide you with a concise overview of cardiovascular anatomy, pathophysiology, diagnosis, and management. You'll rapidly access complete introductions to common issues in cardiology, including annotated references of the most important articles, guidelines, and available evidence. Netter - it's how you know. Efficiently review key details of anatomy, pathophysiology, and clinical presentation with detailed, crystal-clear artwork by Frank H. Netter, MD and other illustrators working in the Netter tradition. Apply dependable clinical advice from Marschall S. Runge, MD, PhD, Cam Patterson, MD and George Stouffer, MD and utilize diagnostic and therapeutic algorithms and clinical pathways developed by the many world-renowned chapter contributors. Utilize annotated references to the most important resources and evidence-based studies. Benefit from expanded coverage of cardiovascular imaging including echocardiography, stress testing and nuclear imaging, and CT and MRI.

Nuclear Cardiology in Everyday Practice

Emergency and Trauma Care is written for Australian emergency care providers including paramedics, emergency nurses, pre-hospital care providers, nurse practitioners, general practice nurses and allied health practitioners including occupational therapists and physiotherapists who are caring for trauma patients. This book follows the patient journey from pre-hospital to definitive care. Using a body systems approach, each chapter provides comprehensive coverage of all aspects of adult and paediatric emergencies. Implications for clinical practice is supported by chapters of professional practice, clinical skills, research, evidence-based practice, and legal, ethical and cultural issues. Clinical assessment,

physiology, management and rationale for intervention of common and not so common emergency presentations are provided, with each chapter providing clear and relevant examples for both Paramedics and Nurses. Emergency and Trauma Care brings together a team of highly respected clinical practitioners and academics to deliver the most up-to-date text dealing with the practical procedures and evidence experienced by emergency and trauma care providers every day. Chapter 2 Pre-hospital care overview in Australia and NZ Chapter 10 Scene assessment, management and rescue Chapter 11 Pre-Hospital Clinical Reasoning, Triage and Communication Pre-hospital and emergency nursing considerations included in all relevant chapters Chapter 5 Cultural Considerations in Emergency Care addresses cultural diversity, beliefs and values and focuses on Aboriginal and Torres Strait Islander health and Maori health Chapter 19 Resuscitation includes advanced life support, airway management and incorporates the 2010 Australian Resuscitation Council guidelines Chapter 37 People with disabilities provides assessment, examination and communication strategies for working with clients with intellectual and physical disabilities Section 5 focuses on examination and communication strategies for working with unique population groups, including the elderly, disabled, obstetric and paediatric patients Section 6 details major trauma assessment and management, blast injury, and trauma to specific body regions Essentials outline the main points addressed in each chapter Practice tips assist with communication skills, procedures and assessment Case studies supported by questions throughout Summaries and Key points, review questions, web links and references provide for consolidation and further research. Evolve resources include Power point slides, 30 additional Case studies, image bank, web links Three paramedic specific chapters (including scene assessment and management)

Textbook of Cardiology

Electrocardiography and Cardiac Drug Therapy

Both prescription and non-prescription medications used in medicine and psychiatry can cause a variety of problems for those taking them, both in terms of their behavior and their ability to think. The first book to thoroughly examine how to recognize and manage the psychological side-effects of these medicines, this exhaustive work also provides a fingertip source of vital information for everyone from psychiatrists, primary care doctors and other medical subspecialty practitioners to students, residents and general readers. Noted physicians Thomas Markham Brown and Alan Stoudemire cover all of the major medications used in medicine and psychiatry, with full chapters on such topics as: * Antipsychotics* Antidepressants* Lithium* Anticonvulsants* Anesthetic agents* Sedative-Hypnotic and related agents* Antibiotics* Cardiovascular agents* Antineoplastic agents* Gastrointestinal agents* Pulmonary agents* Hematologic agents* Antilipemic agents* Drugs affecting the endocrine system Throughout this information-packed reference, the authors, noted physicians Thomas Markham Brown and Alan Stoudemire, cover all of the major medications used in medicine and psychiatry. They focus on the fundamental ways drugs cause cognitive toxicity and map strategies for clinical management. They also address the consequences of drug interactions and the basic pathophysiology of central nervous system toxicity. With

the help of Psychiatric Side Effects of Prescription and Over-the-Counter Medications, readers will be able to quickly identify the ways drugs sometimes negatively affect behavior and ability to reason, and then determine the best practical course for treating those problems. A CD-ROM containing the complete contents of Psychiatric Side Effects of Prescription and Over the Counter Medications is included. Fully searchable, this CD-ROM is compatible on both MACINTOSH and WINDOWS systems.

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