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Lehninger Principles of Biochemistry - Nelson David L. 2005

CD-ROM includes animations, living graphs, biochemistry in 3D structure tutorials.

Evidence-Based Critical Care - Paul Ellis Marik 2014-12-08

This is the premier evidence-based textbook in critical care medicine. The Third Edition features updated and revised chapters, numerous new references, streamlined content, and new chapters on key topics such as the new paradigm in critical care medicine, cardiac output monitoring, surgical optimization, vital signs, and arterial blood gas analysis. The book maintains the author's trademark humor and engaging writing style and is suitable for a broad and diverse audience of medical students, residents, fellows, physicians, nurses, and respiratory therapists who seek the latest and best evidence in critical care. From reviews of previous editions: "This is an excellent introduction to the concept of evidence-based medicine...The writing is clear, logical, and highly organized, which makes for fast and enjoyable reading. I believe this book will get daily use in most intensive care units, by a wide range of readers." -Respiratory Care "This is one of the most comprehensive handbooks on critical care medicine with a strong emphasis on evidence base...Overall, this book should be useful for junior doctors or intensive care trainees who are starting their term in an intensive care unit." -Anaesthesia and Intensive Care

Josephson's Clinical Cardiac Electrophysiology - Mark E. Josephson 2015-08-10

Turn to this updated, classic text for a thorough

understanding of the mechanisms of cardiac arrhythmias and the therapeutic interventions used to treat them. Josephson's Clinical Cardiac Electrophysiology, 5th Edition delivers Dr. Mark Josephson's unparalleled guidance on the electrophysiologic methodology required to define the mechanism and site of origin of arrhythmias - enabling you to choose the safest and most effective therapy for each patient. Features: Get comprehensive coverage of mechanisms, clinical implications, and limitations of current therapeutic interventions, including drugs, and catheter and surgical ablation. Gain a better visual understanding thanks to more than 1,100 illustrations (over 100 are new!), an increased number of 3-D color anatomical mapping images, ECG examples, photographs of equipment, and procedural diagrams. Stay up to date with information on new technologies of ablation and pitfalls of interpreting data; innovative new catheters; new drug information; and new tables summarizing SVT and VT criteria. Benefit from Dr. Josephson's decades of experience as "the father of clinical cardiac electrophysiology," and learn from his proven approaches and methods in this challenging area. View procedural videos and ECG tracings in motion in the accompanied eBook.

Beat Your A-Fib: The Essential Guide to Finding Your Cure - Steve S. Ryan 2012-03

Atrial fibrillation is emerging as the new epidemic in cardiovascular disease. This book helps patients research their best treatment options, steps through how to find the right doctor for their type of A-Fib and treatment goals, gives patients hope and empowers them

to develop a plan for finding the A-Fib cure or best outcome.

Cardiovascular Physiology Concepts - Richard E. Klabunde 2020-12-01

Praised for its concise coverage, this highly accessible monograph lays a foundation for understanding the underlying concepts of normal cardiovascular function and offers a welcome alternative to a more mechanistically oriented approach or an encyclopedic physiology text. Clear explanations, ample illustrations and engaging clinical cases and problems provide the perfect guidance for self-directed learning and prepare you to excel in clinical practice.

ECG Interpretation - Lippincott Williams & Wilkins 2008

Geared to LPNs/LVNs, this quick-reference pocket book provides an easy-to-understand guide to ECG interpretation and features over 200 clearly explained ECG rhythm strips.

Following a refresher on relevant cardiac anatomy, physiology, and electrophysiology, the book presents the 8-step method for reading any rhythm strip. Subsequent chapters explain various cardiac rate and rhythm abnormalities, including sinus node arrhythmias, atrial arrhythmias, junctional arrhythmias, ventricular arrhythmias, and atrioventricular blocks.

Arrhythmias are covered in a consistent format—causes, significance, ECG characteristics, signs and symptoms, and interventions. Coverage also includes ECG characteristics of disorders, drugs, pacemakers, and implantable cardioverter-defibrillators and a chapter on basic 12-lead electrocardiography.

Chesley's Hypertensive Disorders in Pregnancy - Robert N. Taylor 2014-08-28

Chesley's Hypertensive Disorders in Pregnancy continues its tradition as one of the beacons to guide the field of preeclampsia research, recognized for its uniqueness and utility.

Hypertensive disorders remain one the major causes of maternal and fetal morbidity and death. It is also a leading cause of preterm birth now known to be a risk factor in remote cardiovascular disease. Despite this the hypertensive disorders remain marginally studied and management is often controversial. The fourth edition of Chesley's Hypertensive Disorders in Pregnancy focuses on prediction, prevention, and management for clinicians, and

is an essential reference text for clinical and basic investigators alike. Differing from other texts devoted to preeclampsia, it covers the whole gamut of high blood pressure, and not just preeclampsia. Features new chapters focusing on recent discoveries in areas such as fetal programming, genomics/proteomics, and angiogenesis Includes extensive updates to chapters on epidemiology, etiological considerations, pathophysiology, prediction, prevention, and management Discusses the emerging roles of metabolic syndrome and obesity and the increasing incidence of preeclampsia Each section overseen by one of the editors; each chapter co-authored by one of the editors, ensuring coherence throughout book

Lymphedema - Byung-Boong Lee 2018-01-10

The second edition of this book serves as a central source of theoretical and practical knowledge to optimize the evaluation and treatment of patients with lymphedema. The book covers all aspects of the disease from anatomical and histological features to diagnosis as well as physical/medical and surgical management of the disease. Updated from the first edition to reflect the substantial progress in diagnostics, medical care and surgical intervention for this patient population, this volume has been reorganized to meet today's practice requirements. It addresses the challenges faced by clinicians in the management of chronic lymphedema enabling them to meet the medical needs of this large patient community. Edited by world leaders in Vascular Medicine and Surgery, this comprehensive volume provides clear, concise background and recommendations in an easy-to-use format. It is a valuable reference tool for clinical practitioners (physicians/nurse practitioners/technicians) who wish to deliver state-of-the-art health care to their patients with lymphatic and venous disorders.

Clinical Cardiac Electrophysiology ; Techniques and Interpretations - Mark E. Josephson 1979

The gold standard in electrophysiology, Dr. Josephson's book brings to light current relevant practices aimed at medical internists, clinical cardiologists, and electrophysiologists, emphasizing the capabilities and limitations of clinical cardiac electrophysiology techniques.

Thoroughly revised, the Third Edition includes increased coverage of catheter ablation and the latest information on new catheters and computers that measure electrical activity in the heart. Full-color heart maps and illustrations of electrophysiologic concepts help clarify the text. A Brandon-Hill recommended title.

Neurology in Africa - William P. Howlett
2015-08-20

This practical, comprehensive and highly illustrated book will be invaluable to students and doctors of neurology and internal medicine in Africa.

Pocket Book of Hospital Care for Children - World Health Organization 2013

The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Management.

Handbook of Sepsis - W. Joost Wiersinga
2018-04-13

This practically oriented book provides an up-to-date overview of all significant aspects of the pathogenesis of sepsis and its management, including within the intensive care unit. Readers will find information on the involvement of the coagulation and endocrine systems during sepsis and on the use of biomarkers to diagnose sepsis and allow early intervention. International clinical practice guidelines for the management of sepsis are presented, and individual chapters focus on aspects such as fluid resuscitation, vasopressor therapy, response to multiorgan failure, antimicrobial therapy, and adjunctive immunotherapy. The closing section looks forward to the coming decade, discussing novel trial designs, sepsis in low- and middle-income countries, and emerging management approaches. The book is international in scope, with contributions from leading experts worldwide. It will be of value to residents and professionals/practitioners in the fields of

infectious diseases and internal medicine, as well as to GPs and medical students.

Clinical Cardiac Pacing, Defibrillation and Resynchronization Therapy E-Book - Kenneth A. Ellenbogen 2016-03-30

Your must-have bench reference for cardiac electrophysiology is now better than ever! This globally recognized gold standard text provides a complete overview of clinical EP, with in-depth, expert information that helps you deliver superior clinical outcomes. In this updated 5th Edition, you'll find all-new material on devices, techniques, trials, and much more - all designed to help you strengthen your skills in this fast-changing area and stay on the cutting edge of today's most successful cardiac EP techniques. Expert guidance from world authorities who contribute fresh perspectives on the challenging clinical area of cardiac electrophysiology. New focus on clinical relevance throughout, with reorganized content and 15 new chapters. New coverage of balloons, snares, venoplasty, spinal and neural stimulation, subcutaneous ICDs and leadless pacing, non-CS lead implantation, His bundle pacing, and much more. New sections on cardiac anatomy and physiology and imaging of the heart, a new chapter covering radiography of devices, and thought-provoking new information on the basic science of device implantation. State-of-the-art guidance on pacing for spinal and neural stimulation, computer simulation and modeling, biological pacemakers, perioperative and pre-procedural management of device patients, and much more.

Cardiovascular Physiology - Robert M. Berne 1986

Part of Mosby's successful monograph series, **CARDIOVASCULAR PHYSIOLOGY** presents fundamental concepts clearly and concisely. Students gain a solid understanding on how the cardiovascular system functions in both health and disease. Throughout, excellent illustrations and consistent pedagogical features focus student learning. In addition, the clinical commentaries help students apply what they've learned to real-life clinical situations.

The EBCOG Postgraduate Textbook of Obstetrics & Gynaecology - Tahir Mahmood 2021-10-31

This authoritative textbook provides a much-needed guide for postgraduate trainees

preparing for the European Board and College of Obstetrics and Gynaecology (EBCOG) Fellowship examination. Published in association with EBCOG, it fully addresses the competencies defined by the EBCOG curriculum and builds the clinical practice related to these competencies upon the basic science foundations. Volume 1 covers the depth and breadth of obstetrics, and draws on the specialist knowledge of four highly experienced Editors and over 100 contributors from across Europe, reflecting the high-quality training needed to ensure the safety and quality of healthcare for women and their babies. It incorporates key international guidelines throughout, along with colour diagrams and photographs for easy understanding. This is an invaluable resource, not only for postgraduate trainees planning to sit the EFOG examination, but also for practising specialists looking to update their knowledge and skills to meet the ever-evolving complexity of clinical practice.

Diabetes and Hypertension - Samy I.

McFarlane 2012-10-19

Diabetes and hypertension have evolved as two of the modern day epidemics affecting millions of people around the world. These two common co-morbidities lead to substantial increase in cardiovascular disease, the major cause of morbidity and mortality of adults around the world. In *Diabetes and Hypertension: Evaluation and Management*, a panel of renowned experts address a range of critical topics -- from basic concepts in evaluation and management of diabetes and hypertension, such as dietary interventions, to evaluation and management of secondary hypertension in clinical practice. Other chapters focus on high cardiovascular risk populations such as those with coronary heart disease, chronic kidney disease and minority patients. In addition, evolving concepts and new developments in the field are presented in other chapters, such as prevention of type 2 diabetes and the epidemic of sleep apnea and its implication for diabetes and hypertension evaluation and management. An important title covering two of the most troubling disorders of our time, *Diabetes and Hypertension: Evaluation and Management* will provide the busy practitioner with cutting edge knowledge in the field as well as practical information that can translate into better care provided to the high-

risk population of diabetics and hypertensive patients.

Cardiac Electrophysiology - Andrea Natale
2011-03-01

Clinical cardiac electrophysiology is one of the most rapidly expanding fields in cardiology. There are currently no comprehensive case based books in this field. *A Case Review of Cardiac Electrophysiology* is a case based review of cardiac electrophysiology. The aim of this book is to provide a comprehensive case based review of cardiac electrophysiology. It will include implantable device cases as well as ablation cases and difficult clinical cases and may be used as a useful review in cardiac electrophysiology for those taking board examinations. There will also be cases that will be useful for associate professionals working in the field of cardiac electrophysiology including those individuals working for industry.

A Materia Medica for Chinese Medicine - Carl-Hermann Hempen
2009-01-01

Phytotherapy or herbal medicine is the most important therapy within Chinese medicine and is being used increasingly in the West. *A Materia Medica for Chinese Medicine: plants, minerals and animal products* describes 400 of the most important plants, minerals and animal substances used as treatments by Chinese medical practitioners. The items included have been selected according to their degree of clinical relevance. Each remedy is clearly described and illustrated on two facing pages, making this an easily accessible reference for both students and practitioners of Chinese herbal medicine. The clearly laid out text presents the following details for each herb or substance included: a detailed description of the characteristic features indications for safe use medicinal and toxic effects possible combinations with other substances full-colour illustrations, generally two for each substance, showing the detailed characteristics of the item described *A Materia Medica for Chinese Medicine* has been written by two medically trained doctors who have worked as TCM therapists specializing in the use of Chinese herbs for more than 30 years. Based on their many years of teaching and practice, the book has been carefully compiled and designed to provide a concise and accurate practice-based

reference for both students and practitioners.

Photoplethysmography - Panicos A. Kyriacou
2021-11-03

Photoplethysmography: Technology, Signal Analysis, and Applications is the first comprehensive volume on the theory, principles, and technology (sensors and electronics) of photoplethysmography (PPG). It provides a detailed description of the current state-of-the-art technologies/optical components enabling the extreme miniaturization of such sensors, as well as comprehensive coverage of PPG signal analysis techniques including machine learning and artificial intelligence. The book also outlines the huge range of PPG applications in healthcare, with a strong focus on the contribution of PPG in wearable sensors and PPG for cardiovascular assessment. Presents the underlying principles and technology surrounding PPG Includes applications for healthcare and wellbeing Focuses on PPG in wearable sensors and devices Presents advanced signal analysis techniques Includes cutting-edge research, applications and future directions
Resting Pulse Rate Reference Data for Children, Adolescents, and Adults - Yechiam Ostchega
2012

Handbook for Brunner and Suddarth's Textbook of Medical-Surgical Nursing - Hilarie Surrena 2010

This concise clinical companion to the twelfth edition of Brunner and Suddarth's Textbook of Medical-Surgical Nursing presents nearly 200 diseases and disorders in alphabetical format, allowing rapid access to need-to-know information on the most commonly clinical problems nurses are likely to encounter. The content is completely cross-referenced to the main text. Pages are tabbed alphabetically for speedy reference. Online Tutoring powered by Smarthinking--Free online tutoring, powered by Smarthinking, gives students access to expert nursing and allied health science educators whose mission, like yours, is to achieve success. Students can access live tutoring support, critiques of written work, and other valuable tools.

Pediatric Hydrocephalus - G. Cinalli 2012-12-06
In the last ten years the pediatric neurosurgeon has witnessed a real revolution in the diagnosis

and treatment of pediatric hydrocephalus, the most frequently encountered condition in everyday clinical practice. The evolution of MRI and the advent of neuroendoscopic surgery have resuscitated the interest in the classification, etiology and pathophysiology of hydrocephalus. The book offers an updated overview on the recent progress in this field, and a new approach to hydrocephalus: the reader will find in it a modern and new presentation of an old disease, where genetics, endoscopy, cost-effectiveness analyses and many other aspects of the various therapies are extensively discussed. The volume will be useful not only for neurosurgeons, but for all specialists interested in the various aspects of hydrocephalus: pediatricians, radiologists, endocrinologists, pathologists and geneticists.

Anatomy and Physiology - J. Gordon Betts
2013-04-25

Brunner and Suddarth's Textbook of Medical-surgical Nursing - Suzanne C. O'Connell Smeltzer 2010

The best-selling textbook of medical-surgical nursing is now in its Twelfth Edition—with updated content throughout and enhanced, state-of-the-art ancillaries. Highlights include a new art program and design, integrated case studies in the text, and increased use of popular features such as guidelines charts, health promotion charts, geriatric charts, and ethnic and related issues charts. This edition's enhanced ancillaries include online case studies, over 6,000 NCLEX®-style review questions, and numerous three-dimensional animations of key concepts in anatomy and physiology and pathophysiology.

Clinical Arrhythmology and Electrophysiology E-Book - Ziad Issa
2018-08-07

Part of the highly regarded Braunwald's family of cardiology references, Clinical Arrhythmology and Electrophysiology, 3rd Edition, offers complete coverage of the latest diagnosis and management options for patients with arrhythmias. Expanded clinical content and clear illustrations keep you fully abreast of current technologies, new syndromes and diagnostic procedures, new information on molecular genetics, advances in ablation, and much more.

Clinician's Pocket Reference - Leonard G.

Gomella 2001-11-20

The original Scut Monkey Handbook is the essential survival guide to have on the wards and in the clinic * Emphasis on essential information for effective daily patient management * Up-to-date coverage of today's treatments and management options * Eases the transition from the preclinical to the clinical years * Step-by-step information on the history and physical examination, differential diagnosis, key laboratory and diagnostic tests, and bedside procedures * Must-have answers on suturing techniques, total parenteral nutrition, respiratory care, ECGs, critical care, and emergencies * "Medications" chapter includes over 750 commonly used drugs with adult and pediatric dosages * Easy-to-read charts and tables

The Brugada Syndrome - Charles Antzelevitch
2008-04-15

Until recently, the cellular basis for sudden death, the Brugada Syndrome, has largely remained an unknown to modern arrhythmologists and cardiologists, particularly in the absence of any structural heart disease. Detailed observations of age-groups, especially the young, families and populations where sudden death frequently occurs, and improved understanding of its contributory factors and mechanisms are, however, showing the way forward. This addition to the Clinical Approaches to Tachyarrhythmias (CATA) Series, written by the investigators who discovered and probed the Brugada Syndrome, discusses the history, etiology, pathology and clinical manifestations of sudden death. From diagnosis, prognosis, to therapeutic approaches using the latest catheter ablation techniques, electrophysiological surgery, and genetic appraisal, the work is a testimony to the author's investigation. Using clinical cases in Thailand and Laos, they further unravel the syndrome's molecular mechanisms, studying related syndromes, such as the long-QT syndrome, infant death, and arrhythmogenic right ventricular cardiomyopathy. By being informed of the electrophysiological abnormalities that contribute to familial and genetic diseases, physicians, cardiologists and all those who care for patients with

cardiac arrhythmias will be better able to identify and treat patients in whom the Brugada Syndrome may strike next.

How Tobacco Smoke Causes Disease - 2010

This report considers the biological and behavioral mechanisms that may underlie the pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Handbook of African Medicinal Plants, Second Edition - Maurice M. Iwu 2014-02-04

With over 50,000 distinct species in sub-Saharan Africa alone, the African continent is endowed with an enormous wealth of plant resources. While more than 25 percent of known species have been used for several centuries in traditional African medicine for the prevention and treatment of diseases, Africa remains a minor player in the global natural products market largely due to lack of practical information. This updated and expanded second edition of the Handbook of African Medicinal Plants provides a comprehensive review of more than 2,000 species of plants employed in indigenous African medicine, with full-color photographs and references from over 1,100 publications. The first part of the book contains a catalog of the plants used as ingredients for the preparation of traditional remedies, including their medicinal uses and the parts of the plant used. This is followed by a pharmacognostical profile of 170 of the major herbs, with a brief description of the diagnostic features of the leaves, flowers, and fruits and monographs with botanical names, common names, synonyms, African names, habitat and distribution, ethnomedicinal uses, chemical

constituents, and reported pharmacological activity. The second part of the book provides an introduction to African traditional medicine, outlining African cosmology and beliefs as they relate to healing and the use of herbs, health foods, and medicinal plants. This book presents scientific documentation of the correlation between the observed folk use and demonstrable biological activity, as well as the characterized constituents of the plants.

Arrhythmias in Heart Failure - William G. Stevenson, M.D. 2002-05-14

The prevalence of heart failure is increasing, in part due to the aging population and longer survival of patients with heart disease. As heart failure management has progressed, so has the understanding of the role of arrhythmias in heart failure, and of the impact of therapies to treat them. For many clinical scenarios, a rational arrhythmia management strategy has emerged. Equally important to these strategies is the growing recognition of certain treatments that, although seemingly effective at one point in time, are now recognized as having greater potential for harm. This monograph provides the clinician with current fundamentals of arrhythmias in heart failure as they relate to a variety of clinical scenarios. Although a simple strategy for decision making cannot always be derived, clinicians will find the information useful for assessing and managing arrhythmias and arrhythmia risk in their patients with heart failure.

Fundamental Neuroscience - Larry Squire 2008-04-02

Fundamental Neuroscience, 3rd Edition introduces graduate and upper-level undergraduate students to the full range of contemporary neuroscience. Addressing instructor and student feedback on the previous edition, all of the chapters are rewritten to make this book more concise and student-friendly than ever before. Each chapter is once again heavily illustrated and provides clinical boxes describing experiments, disorders, and methodological approaches and concepts. Capturing the promise and excitement of this fast-moving field, Fundamental Neuroscience, 3rd Edition is the text that students will be able to reference throughout their neuroscience careers! New to this edition: 30% new material including new

chapters on Dendritic Development and Spine Morphogenesis, Chemical Senses, Cerebellum, Eye Movements, Circadian Timing, Sleep and Dreaming, and Consciousness Additional text boxes describing key experiments, disorders, methods, and concepts Multiple model system coverage beyond rats, mice, and monkeys Extensively expanded index for easier referencing

Statin-Associated Muscle Symptoms - Paul D. Thompson 2020-01-25

This book provides an overview of statin-associated muscle symptoms (SAMS) from clinical presentation to treatment and possible metabolic causes. It examines the risk factors, presentations, diagnosis and differential diagnosis, clinical management, and financial costs of SAMS. The book also highlights patients' perspectives on SAMS such as the psychosocial, emotional, and societal factors influencing their perceptions and experiences. Finally, the book presents the results of observational and clinical trials on the prevalence of SAMS, clinical trials for treatments, and potential future research approaches for improving the understanding and treatment of SAMS. A key addition to the Contemporary Cardiology series, Statin-Associated Muscle Symptoms is an essential resource for physicians, medical students, residents, fellows, and allied health professionals in cardiology, endocrinology, pharmacotherapy, primary care, and health promotion and disease prevention.

How to Change Your Mind - Michael Pollan 2019-05-14

Now on Netflix as a 4-part documentary series! "Pollan keeps you turning the pages . . . cleareyed and assured." —New York Times A #1 New York Times Bestseller, New York Times Book Review 10 Best Books of 2018, and New York Times Notable Book A brilliant and brave investigation into the medical and scientific revolution taking place around psychedelic drugs--and the spellbinding story of his own life-changing psychedelic experiences When Michael Pollan set out to research how LSD and psilocybin (the active ingredient in magic mushrooms) are being used to provide relief to people suffering from difficult-to-treat conditions such as depression, addiction and anxiety, he did

not intend to write what is undoubtedly his most personal book. But upon discovering how these remarkable substances are improving the lives not only of the mentally ill but also of healthy people coming to grips with the challenges of everyday life, he decided to explore the landscape of the mind in the first person as well as the third. Thus began a singular adventure into various altered states of consciousness, along with a dive deep into both the latest brain science and the thriving underground community of psychedelic therapists. Pollan sifts the historical record to separate the truth about these mysterious drugs from the myths that have surrounded them since the 1960s, when a handful of psychedelic evangelists inadvertently catalyzed a powerful backlash against what was then a promising field of research. A unique and elegant blend of science, memoir, travel writing, history, and medicine, *How to Change Your Mind* is a triumph of participatory journalism. By turns dazzling and edifying, it is the gripping account of a journey to an exciting and unexpected new frontier in our understanding of the mind, the self, and our place in the world. The true subject of Pollan's "mental travelogue" is not just psychedelic drugs but also the eternal puzzle of human consciousness and how, in a world that offers us both suffering and joy, we can do our best to be fully present and find meaning in our lives.

[Echocardiography in ICU](#) - Michel Slama
2020-05-28

This book offers readers a better understanding of how to perform echocardiography in their daily intensive care unit (ICU) work. With numerous practical examples highlighting the indices and hemodynamic monitoring profiles that physicians could encounter, it considers echocardiography not merely as a simple imaging technique, but as a practical diagnostic and hemodynamic monitoring tool. The booklet is richly illustrated with figures explaining how to perform echo, and includes numerous tables, simple equations and normal and abnormal values. *Echocardiography in ICU*, a pocket guide written by the leading international experts in the field, is an excellent source of information and guidance for all residents and physicians working in ICU, emergency medicine, anesthesia and cardiology as well.

Cardiac Repolarization - Ihor Gussak
2003-03-13

A comprehensive review of all the latest developments in cardiac electrophysiology, focusing on both the clinical and experimental aspects of ventricular repolarization, including newly discovered clinical repolarization syndromes, electrocardiographic phenomena, and their correlation with the most recent advances in basic science. The authors illuminate the basic electrophysiologic, molecular, and pharmacologic mechanisms underlying ventricular repolarization, relate them to specific disease conditions, and examine the future of antiarrhythmic drug development based on both molecular and electrophysiological properties. They also fully review the clinical presentation and management of specific cardiac repolarization conditions.

Mayo Clinic Cardiology - Mayo Clinic
2012-12-06

Organized to present a comprehensive overview of the field of cardiology in an accessible, reader-friendly format that can be covered in about 12 months, this new edition contains roughly 50% new material, the cardiac pharmacology section has been completely reworked, cardiovascular trials have been included, and the entire book has been updated to reflect current practice guidelines and recent developments. The book is peppered throughout with numerous tables and clinical pearls that aid the student, as well as the teacher, to remain focused.

The Life of Ibn Sina - Avicenna 1986-01-01

[Wikipedia Handbook of Biomedical Informatics](#) -

Ventricular Arrhythmias - John M. Miller 2008
Ventricular arrhythmias cause most cases of sudden cardiac death, which is the leading cause of death in the US. This issue reviews the causes of arrhythmias and the promising new drugs and devices to treat arrhythmias.

[British Cardiology in the 20th Century](#) - Mark E. Silverman 2012-12-06

Cardiology as a medical specialty originated in the 20th century and Britain played an important role in its development. *British Cardiology in the 20th Century* provides the first

comprehensive account of the British contributions to this exciting field as well as the interesting story of many of the people and institutions who were involved. Many of the key changes in the understanding of the physiology of the heart and their clinical implications were

discovered by these individuals. This book will be of great interest to clinicians, students, and medical historians who wish to gain a historical understanding and appreciation of this dynamic clinical discipline that has improved the health and prognosis for so many.