

A New Paradigm For Acute Coronary Syndrome High Sensitive

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Acute Coronary Syndromes Mariano Brizzio 2012-02-24 This book has been written with the intention of providing an up-to-the minute review of acute coronary syndromes. Atherosclerotic coronary disease is still a leading cause of death within developed countries and not surprisingly, is significantly rising in others. Over the past decade the treatment of these syndromes has changed dramatically. The introduction of novel therapies has impacted the outcomes and surviving rates in such a way that the medical community need to be up to date almost on a "daily bases". It is hoped that this book will provide a timely update on acute coronary syndromes and prove to be an invaluable resource for practitioners seeking new and innovative ways to deliver the best possible care to their patients.

Brackenridge's Medical Selection of Life Risks R.D.C. Brackenridge 2016-02-26 The fifth edition of this leading reference book on insurance medicine, provides a comprehensive guide to life expectancy for underwriters and clinicians involved in the life insurance industry. Extensively revised and expanded, the new edition reflects developments in life and healthcare insurance as well as medicine. *Cardiac Management in the Frail Elderly Patient and the Oldest Old* Andrea Ungar 2017-03-14 This book focuses specifically on the management of cardiovascular disease in elderly patients with particular frailties and in the "oldest old". It is clearly explained how treatment in

these patients differs from that in patients in their seventies who respond well to therapies and do not present frailties or organ failures. Although not young, the latter patients can be treated almost like any other patient, according to established guidelines. In contrast, the frail, compromised elderly and the oldest old require specific measures that target their needs, including with respect to underlying renal conditions. The book considers all those pathologies that have a high prevalence in the general population, explaining advanced treatment concepts and all aspects of assessment. Key clinical points are highlighted, and the text is supplemented with numerous informative figures and tables. The authors are respected experts, for the most part geriatric physicians, and the book is especially addressed to cardiologists, who may lack the described targeted information and treatment tools. Acute Coronary Syndromes, Third Edition Eric J. Topol 2000-11-08 Reflecting rapid innovations in the field, Acute Coronary Syndromes, Second Edition uncovers the structural, physiological, and functional foundations of acute coronary syndromes-including the latest advances in the causes of inflammation and embolization, therapeutics, intravenous and oral antiplatelet agents, and anticoagulants. Presents original theories in the cost-effectiveness of diagnostic therapies of acute coronary syndromes! Providing seven new chapters demonstrating the most up-to-date information on invasive and conservative management strategies, aspirin

resistance, and public health implications, *Acute Coronary Syndromes, Second Edition* illustrates current approaches to bedside platelet function testing considers novel ideas in combined fibrin and platelet-lysis for myocardial infarction describes recent treatments with tirofiban, eptifibatide, clopidogrel, and low-molecular-weight heparins and more! Written by over 40 international experts in the field, *Acute Coronary Syndromes, Second Edition* is a monumental reference for cardiologists; internists; epidemiologists; molecular and cell biologists; pharmacologists; emergency room personnel; and graduate and medical school students in these disciplines.

Textbook of Emergency Cardiology Alan S Maisel 2021-11-30 This book is a comprehensive guide to the diagnosis and management of acute cardiovascular disorders. Divided into four sections the text provides detailed guidance on cardiac arrest, acute myocardial infarction and acute coronary syndrome, acute heart failure, and arrhythmias. Individual chapters cover cardiac imaging, biomarkers, and drug therapy. Written by renowned experts in the field, led by US-based Alan S Maisel and W Frank Peacock, the text is further enhanced by more than 300 clinical photographs, radiological images, tables and figures. Key points Comprehensive guide to diagnosis and management of acute cardiovascular disorders Covers cardiac arrest, acute myocardial infarction and acute coronary syndrome, acute heart failure, and arrhythmias Authored by recognised experts in the field Highly illustrated with clinical photographs, radiological images, tables and figures

Chronic Coronary Artery Disease: A Companion to Braunwald's Heart Disease E-Book James de Lemos 2017-01-03 Featuring expert guidance from Drs. James de Lemos and Torbjørn Omland, as well as other globally known leaders in cardiology, *Chronic Coronary Artery Disease* covers every aspect of managing and treating patients suffering from chronic coronary syndromes. This brand-new companion to *Braunwald's Heart Disease* was designed as a stand-alone reference for physicians treating patients who present with complex, unique challenges, offering the latest information on the use of imaging modalities in diagnosis and treatment, advances in interventional and

surgical approaches to revascularization, new medications to improve symptoms and outcomes in chronic CAD, and much more. Covers every aspect of evaluation and treatment of patients who suffer from chronic coronary syndromes. Provides both evidenced based recommendations from the most recent guidelines from the major cardiology societies: AHA, ACC, and ESC, as well as practical management tips from leading experts with extensive clinical experience. Highlights new developments concerning epidemiology and prevention, pathophysiology, and clinical findings, as well as laboratory testing, invasive and non-invasive testing, risk stratification, clinical decision-making, and prognosis and management of chronic coronary syndromes. Features information on today's hot topics, including the use of novel imaging modalities in diagnosis and treatment and emerging therapies to improve outcomes in chronic CAD.

Recent Advances in Endovascular Neurosurgery, An Issue of Neurosurgery Clinics of North America, E-Book Azam Ahmed 2022-03-31 *Recent Advances in Endovascular Neurosurgery, An Issue of Neurosurgery Clinics of North America, E-Book*

Preventive Cardiology JoAnne Micale Foody 2000-11-10 Leading clinicians and researchers concisely review the significant risk factors, including dyslipidemias, hypertension, diabetes, lack of exercise, obesity, tobacco, and homocysteine, and outline the best preventive strategies available. They also offer an overview of the new paradigms in coronary artery disease pathophysiology, including the nature of the unstable atherosclerotic plaque, new strategies for the modification of plaque constituents, the importance of the endothelium in the maintenance of cardiovascular health, and the emerging roles of oxidative stress, infection, and inflammation. Comprehensive and pathbreaking, *Preventive Cardiology: Strategies for the Prevention and Treatment of Coronary Artery Disease* provides physicians with the understanding and tools necessary to bring the practice of preventive cardiology to their patients.

Broken Hearts David S. Jones 2014-09-01 Based on extensive reviews of medical literature and archives, this historical perspective on

medical decision making and risk highlights personal, professional, and community outcomes. Ham's Primary Care Geriatrics E-Book Gregg A. Warshaw 2021-01-05 Uses a case study format that is ideal for learning, retention, and rapid recall. All case studies are thoroughly up to date with current references. Features an interdisciplinary perspective to provide team-oriented knowledge on the best diagnosis, treatment, and management strategies available to address the complex needs of older adults. Contains a new chapter on Lesbian, Gay, Bisexual, Transgender (LGBT) Medicine in Older Adults, as well as completely revised or rewritten chapters on rehabilitation, infectious disease, and urinary incontinence. Provides up-to-date information on key topics such as opioid management and polypharmacy, the "geriatric emergency room, cultural humility in the care of older adults, and the five signs of problematic substance abuse. Includes key learning objectives and USMLE-style questions in every chapter.

The Origin and Onset of Thrombus Disease

Lemin Wang 2018-02-26 This book analyzes the internal and external causes of acquired and familiar venous thrombosis and proposes the origins and onset of venous thrombus diseases and their triggering factors. It discusses venous and arterial thrombus in two parts, each starting from the genomics and the findings of immunocytological research conducted in a variety of clinical groups and on different experimental models and revealing the mechanisms behind the development of thrombotic diseases and the pathogenesis processes. Further, the book describes the clinical manifestation and the nature of the diseases. The book offers valuable insights important in the prevention and treatment of thrombotic disease.

Medical Selection of Life Risks W. John Elder 1998-09-30 Medical Selection of Life Risks has long been recognised as the reference book on insurance medicine. The fourth edition provides a comprehensive guide to life expectancy for underwriters and clinicians involved in the life insurance industry. Extensively revised and expanded the 4th edition of Medical Selection of Life Risks reflects developments in life and healthcare insurance as well as medicine. There

are completely new chapters: on the underwriting of genetic diseases, disability underwriting, impaired lives annuities, musculoskeletal and soft tissue disorders. Several major chapters have been completely rewritten, including respiratory, ischemic and congenital heart diseases and oncology. Part I - deals with the principles of life and disability insurance and the logistics of life underwriting. Part II - is devoted to a systematic clinical appraisal of underwriting problems, mainly relating to life insurance but also, where appropriate, to disability, critical illness and long term care insurance.

Evidence-based Practice in Medicine and Health Care Ruud ter Meulen 2005-12-14 Evidence-based Medicine (EBM) is feared to become a kind of cook-book medicine that has nothing to do with the traditional skills and ethics. This volume shows the contribution EBM makes and might make to medical practice and health policy. It describes as many viewpoints as possible with a focus on the ethical issues that are at stake in this process. It shows how EBM has developed from an internal medical issue to an instrument for health policy. It is the outcome of the European Project "Ethical Issues of Evidence Based Practice in Medicine and Health Care" and gives insight into the ethical background of the debate on the role of EBM in various areas of medicine, including clinical practice, medical education, medical research, health policy and medical sociology.

High-Risk Atherosclerotic Plaques Levon Michael Khachigian 2004-12-20 Vulnerable plaque development is the result of a complex series of molecular and cellular events involving inflammation, apoptosis, rupture, and thrombosis. A detailed understanding of the mechanisms underlying the development of high-risk plaques, along with the ability to visualize and diagnose these vulnerable lesions, will lead to the effective management of acute coronary syndromes. High-Risk Atherosclerotic Plaques: Mechanisms, Imaging, Models, and Therapy brings together timely, in-depth reviews by renowned international cardiologists and scientists. Chapters cover the definition, structure, and cellular and molecular mechanisms of high risk plaque development, as well as animal models of vulnerable plaque,

plaque imaging, and current and future therapies. Medical experts discuss intravascular ultrasound, optimal coherence tomography, magnetic resonance imaging, and coronary thermography. The final chapter reviews both current and future local and systematic strategies for the therapeutic management of vulnerable plaque. Exploring all aspects of this primary cause of acute coronary syndromes, this informative book updates our knowledge on the detection and treatment of vulnerable plaques. It is a valuable resource that can greatly advance the progress in treatment and prevention.

Congestive Heart Failure and Cardiac

Transplantation Daniel J. Garry 2017-06-01 This book is a comprehensive overview of heart failure and cardiac transplantation and integrates scientific and clinical information about the physiology, pathophysiology, diagnosis, and treatment of this disorder. Organized into five parts, it reviews the history and basic mechanisms of heart failure; etiology of heart failure; heart failure disease progression; advanced therapies for heart failure; and cardiac transplantation. The book presents basic concepts in the physiology, molecular biology, pathology, and epidemiology of the normal and failing heart; known causes of heart failure, such as right heart failure, valvular cardiomyopathy, molecular mechanisms of sarcomeric cardiomyopathies, and neuromuscular cardiomyopathy; cardiorenal syndrome; neurohormonal activation; cardiac resynchronization, ventricular assist devices; regenerative mechanisms; orthotopic heart transplantation; early and late management of the post-transplant patient; heart transplantation and antibody-mediated rejections; heart-lung transplantation; and cardiac xenotransplantation. Featuring contributions from leaders in the fields of heart failure, cardiac transplantation, cardiac pathology, and cardiovascular molecular research, *Congestive Heart Failure and Cardiac Transplantation* is a valuable compendium for cardiologists, cardiothoracic surgeons, researchers, trainees, and students.

Women & Heart Disease, Second Edition Nanette Wenger 2005-11-10 Despite media attention and public awareness, recent advances in pharmaceutical and medical developments, heart disease in women is under-diagnosed, under-

treated, and under-managed. Many women fail to present in the clinic when symptomatic, because of responsibilities at home or at work. Often the first presentation follows a cardiac event. Women are excluded from many clinical trials regardless of age or cardiac history, simply because most trials are aimed at male patients. This best-selling, updated title, aimed at changing this treatment of women's cardiac issues, covers all aspects of female cardiovascular disease. It is required reading for all practitioners who assess female patients.

Textbook of Cardiovascular Intervention Craig A. Thompson 2013-11-19 The field of interventional cardiology and interventional vascular medicine now comprises the dominant diagnostic and therapeutic field within cardiovascular medicine, and continues to grow in terms of patients managed and physicians trained. The *Textbook of Cardiovascular Intervention* is intended to provide a modern, comprehensive and practical text on interventional cardiology for the current, rapidly evolving practice environment. It is written by a group of worldwide experts in the field and will appeal to fellows, residents and physicians in cardiology, interventional cardiology, cardiothoracic and vascular surgery, vascular and endovascular medicine, neurointerventional radiology and surgery, emergency medicine and intensive care.

Asymptomatic Atherosclerosis Morteza Naghavi 2010-07-01 Despite recent advances in the diagnosis and treatment of symptomatic atherosclerosis, available traditional screening methods for early detection and treatment of asymptomatic coronary artery disease are grossly insufficient and fail to identify the majority of victims prior to the onset of a life-threatening event. In *Asymptomatic Atherosclerosis: Pathophysiology, Detection and Treatment*, Dr. Morteza Naghavi and leading authorities from the Society for Heart Attack Prevention and Eradication (SHAPE) present a new paradigm for the screening and primary prevention of asymptomatic atherosclerosis. The text focuses on accurate, yet underutilized, measures of subclinical atherosclerosis, notably coronary artery calcium scanning and carotid intima-media thickness measurement. The authors introduce a comprehensive approach to identifying the vulnerable patients

(asymptomatic individuals at risk of a near future adverse event). Additional chapters discuss future directions towards containing the epidemic of atherosclerotic cardiovascular disease using innovative solutions such as preemptive interventional therapies (bioabsorbable stents) for stabilization of vulnerable atherosclerotic plaques, mass unconditional Polypill therapy for population-based risk reduction, and ultimately vaccination strategies to prevent the development of atherosclerosis. Up-to-date and authoritative, *Asymptomatic Atherosclerosis: Pathophysiology, Detection, and Treatment* is a must-have for any cardiologist or primary care physician who wishes to practice modern preventive cardiology and manage the increasing number of asymptomatic atherosclerotic patients. Outlines more accurate measures of risk (coronary artery calcium and carotid intima-media thickness) than traditional risk factors (total cholesterol, LDL cholesterol, HDL cholesterol) Presents new multipronged strategies to aid in the early detection and treatment of high risk asymptomatic patients

SCAI Interventional Cardiology Board Review Book Morton J. Kern 2006-10 Written by members of the Society for Cardiovascular Angiography and Interventions (SCAI), this book is a comprehensive yet concise review for board certification and recertification exams in interventional cardiology. It covers all the topics that are on the interventional cardiology board examination, including important clinical trials likely to be tested on the exam. More than 180 illustrations and numerous tables for easy study are included.

Women and Heart Disease Desmond Julian 2005-11-10 Despite being one of the world's biggest killers of women, heart disease is under-diagnosed, under-treated, and under-managed. Why? What is going wrong? Important and ground-breaking, *Women and Heart Disease* brings our attention to the inadequacies in both the diagnosis and treatment of heart disease in women. Key features: * written by Nanette Wenger and Peter Collins, two of the world's leading cardiologists * contributions from leaders in women's cardiac health * covers all aspects of cardiovascular disease, not just coronary artery disease * fully updated. Building on the success of the best-selling first edition, this is essential

reading for all physicians with a particular interest in women and heart disease.

Cardiology Consult Manual Hanna Z. Mieszczanska 2018-09-11 This book comprehensively covers the latest advances in cardiovascular medicine. Key diagnostic and treatment points are reviewed across a range of cardiovascular issues, including concurrent cardiac problems, patients with cancer, peri-operative surgical and post-trauma patients, patients in the emergency department, pregnancy in the obstetric units, and the care of critically ill patients in medical and surgical intensive care units. *Cardiology Consult Manual* provides a detailed and clinically relevant guide for the cardiology practitioner of the potential cardiac issues encountered within the cardiology consult service and also a range of professionals in related disciplines. It therefore provides an important resource for all cardiology trainees, fellows, practitioners and health care providers involved in the management of patients with cardiovascular disease.

Cardiology at the Limits Derek M. Yellon 2003-06-04 The first symposium in 1997 was dedicated to the initiation of the Chair of Cellular Cardiology, a joint venture between the University of Cape Town and University College London. This sixth title of symposia tests and re-tests the limits of our cardiological knowledge.

Oxford Textbook of Clinical Nephrology Neil Turner 2015-10-22 This fourth edition of the *Oxford Textbook of Clinical Nephrology* builds on the success and international reputation of the publication as an important resource for the practising clinician in the field. It provides practical, scholarly, and evidence-based coverage of the full spectrum of clinical nephrology, written by a global faculty of experts. The most relevant and important reference to clinical nephrology, this is an authoritative and comprehensive textbook combining the clinical aspects of renal disease essential to daily clinical practice with extensive information about the underlying basic science and current evidence available. Each section of the textbook has been critically and comprehensively edited under the auspices of a leading expert in the field. This new edition has been significantly expanded and reapportioned to reflect developments and new approaches to

topics, and includes treatment algorithms to aid and enhance patient care where possible. The fourth edition offers increased focus on the medical aspects of transplantation, HIV-associated renal disease, and infection and renal disease, alongside entirely new sections on genetic topics and clinical and physiological aspects of fluid/electrolyte and tubular disorders. The emphasis throughout is on marrying advances in scientific research with clinical management. Richly illustrated throughout in full colour, this is a truly modern and attractive edition which reinforces the Oxford Textbook of Clinical Nephrology's position as an indispensable reference work of consistent quality and reliability. Enriched and refined by careful revision, this new edition continues the tradition of excellence.

HMG-CoA Reductase Inhibitors Gerd Schmitz
2012-12-06 HMG-CoA reductase inhibitors (statins) are established drugs for the treatment of hypercholesterolemia. Furthermore, they induce regression of vascular atherosclerosis as well as reduction of cardiovascular-related morbidity and death in patients with and without coronary artery disease. This book deals with statins which have substantially altered the approach to therapy of atherosclerosis and its sequelae. Emphasis is placed on the scientific background to the discoveries and the development of the therapy, including an overview of the current state of knowledge of the drugs. Clinical data are reviewed extensively. This book not only provides the reader with valuable information but also stimulates further research into the pathogenesis of atherosclerosis and the mechanisms behind the action of effective statins. It sets the stage for creative thinking among scientists of many disciplines for the accomplishment of our ultimate goals in treating atherosclerosis and its sequelae. This topical volume...

Index Medicus 2004

Medical Selection of Life Risks 5th Edition Swiss Re branded R.D.C. Brackenridge 2016-08-20 The fifth edition of this leading reference book on insurance medicine, provides a comprehensive guide to life expectancy for underwriters and clinicians involved in the life insurance industry. Extensively revised and expanded, the new edition reflects developments in life and

healthcare insurance as well as medicine.
Manual of Coronary Heart Diseases Kanu Chatterjee 2014-08-15 Coronary heart disease (CHD) is the term that describes what happens when the heart's blood supply is blocked or interrupted by a build-up of fatty substances in the coronary arteries (NHS Choices). This book presents the latest advances in the diagnosis and management of coronary heart disease. Beginning with discussion on the risk factors of CHD, emphasis is then placed on the importance of history and physical examination in the evaluation of a patient with chest pain. The following chapters examine the diagnosis and management of different variants of CHD, with a final section on surgical therapy. Written by internationally recognised specialists from the University of Iowa, this practical guide includes nearly 120 images and illustrations. Key points Practical guide to most recent advances in diagnosis and management of coronary heart disease (CHD) Emphasis on importance of history and physical examination in patient with chest pain Covers different variants of CHD Internationally recognised author team from University of Iowa

Coronary Care Manual Peter L. Thompson
2010-11-01 A practical manual for the management of the acute coronary care patient. Peter Thompson, University of Western Australia.
Cardiovascular Diseases: New Insights for the Healthcare Professional: 2012 Edition
2012-12-10 Cardiovascular Diseases: New Insights for the Healthcare Professional / 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Cardiovascular Diseases. The editors have built Cardiovascular Diseases: New Insights for the Healthcare Professional / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Cardiovascular Diseases in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Cardiovascular Diseases: New Insights for the Healthcare Professional / 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written,

assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Management of Acute Decompensated Heart Failure Christopher O'Connor 2005-11-29

Although the majority of heart failure represents the exacerbation of chronic disease, about 20% will present as a first time diagnosis. And although there are a number of intravenous agents that can be used for acute decompensated heart failure, there are no national guidelines currently available. Edited by a well-known expert and his team of contributors, this book provides a comprehensive review of the current management of acute decompensated heart failure. Edited by Mahmoud Al-Ali 2016-11-30 This edition of our journal aims to provide an avenue for physicians and medical researchers and to provide high-quality content for health professionals and researchers at universities and hospitals across the world to write their new research papers. This journal particularly aims at publishing the finest peer-reviewed research in all fields of medicine, on the basis of its originality, importance, interdisciplinary interest, timeliness, accessibility, elegance, and surprising conclusions.

Preventive Cardiology Jo Anne Micale Foody 2007-11-03 Preventive cardiology is a fast moving field that places emphasis on the prevention and treatment of coronary disease. Preventive Cardiology: Insights Into the Prevention and Treatment of Cardiovascular Disease, Second Edition is intended for clinical cardiologists, internists, primary care providers, and allied health care professionals who wish to extend their knowledge and expertise in the rapidly expanding field of preventive cardiology. It is the mission of this book to provide clinicians with the understanding and tools necessary to implement prevention in their daily practices. Recent changes in the delivery of health care in the United States and abroad, in conjunction with new scientific evidence supporting the role of preventive strategies in the maintenance of cardiovascular health, have focused new attention and efforts on the field of cardiovascular disease prevention. The field of cardiology is thus making a gradual transition from the technology-driven, intervention-oriented

perspective of the last several decades to a new, preventive, molecular-based perspective. As fresh evidence amasses that preventive measures produce a considerable decrease in the incidence of both primary and secondary cardiac events and mortality, there is growing, widespread acknowledgment that health care providers from all arenas must initiate preventive strategies in the management and care of their patients.

Management of Acute Coronary Syndromes

Christopher P. Cannon 2002-11-04 In this second edition of his highly acclaimed book, Christopher P. Cannon, MD, and a team of preeminent clinical investigators have thoroughly revised and expanded every chapter to reflect the recent explosion of clinical trials on the management of acute coronary syndromes (ACS). This includes: the newer tests, such as C reactive protein; a multimarker approach to diagnosis and risk stratification; new antiplatelet agents; and combinations of thrombolytic-antithrombotic regimens. Also discussed are the latest developments in interventional cardiology, the use of cost-effectiveness in clinical trials to choose appropriate therapies, and the employment of critical pathways analysis to improve compliance with evidence-based medicine and guideline recommendations.

In Vivo Models of Inflammation Christopher S. Stevenson 2006-11-09 In Vivo Models of Inflammation (Vol. 2) provides biomedical researchers in both the pharmaceutical industry and academia with a description of the state-of-the-art animal model systems used to emulate diseases with components of inflammation. This second edition acts as a complement to the first, describing and updating the standard models that are most utilized for specific disease areas. New models are included exploring emerging areas of inflammation research.

Cardiology Kanu Chatterjee 2012-08-31 This two volume set presents recent advances in the knowledge and technology related to the field of cardiology. Beginning with a basic introduction, the text continues with a step by step approach through the subject, covering topics such as cardiovascular pharmacology, electrophysiology, coronary heart diseases, myocardial and pericardial disease and more. With contributions from leading international experts and over 1500

colour photographs, each chapter contains additional comments and guidelines from reputed international bodies. The book is accompanied by a DVD ROM containing high quality video footage of echocardiography.

Advances in Cardiac Imaging with Wide-area Multidetector Cardiac Computed Tomography

2011 The unifying hypothesis of this body of research is that wide area 320-detector MDCT accurately identifies coronary artery stenosis and accurately assesses left ventricular volumes and systolic function in patients with suspected coronary artery disease. Moreover, the thesis hypothesises that wide area 320-detector MDCT is a clinically useful non-invasive imaging modality for selected individuals with acute chest pain who present to the Emergency Department, which may create a new paradigm for chest pain assessment by guiding troponin measurement and subsequently reducing Emergency Department length of stay. The thesis is centred on four major themes related to the use of wide-area 320-detector MDCT in contemporary clinical practice, each of which is addressed in separate chapters that follow. The specific aims of the thesis are: (1) to determine the diagnostic accuracy of 320-detector MDCT in the detection of significant coronary artery stenosis across all coronary segments, regardless of size or patient's cardiac rhythm (chapter 2). (2) to assess the impact on length of stay and safety outcomes of a 320-detector MDCT-guided algorithm to investigate patients presenting to the Emergency Department at low-to-intermediate risk of an acute coronary syndrome (chapter 3). (3) To determine the diagnostic accuracy of 320-detector MDCT for the assessment of left ventricular volumes, ejection fraction and regional wall motion (chapter 4). (5) To provide an in-depth review of the technical and practical aspects of MDCT perfusion imaging, including the potential role of wide-area detector MDCT in assessing myocardial perfusion, an exciting potential future clinical use of this technology (chapter 5)

Cardiology in Family Practice Steven M Hollenberg 2011-12-02 A concise summary of the most important medical and scientific topics concerning cardiovascular medicine in the primary care environment, this new edition of

Cardiology in Family Practice has been updated with cutting-edge information and useful tips. Written in an easy-to-read format (background, diagnosis and disease management) and emphasizing practical techniques for evaluation and treatment, the authors explain the basic mechanisms underlying cardiovascular disease states and the treatment strategies that arise from them. Topics include stable angina, acute coronary syndromes, arrhythmias, hypertension, pericardial and valvular diseases, and hyperlipidemia. New figures have been added to each chapter in this edition. This book is a must-have for primary care physicians who wish to keep up to date with the rapidly changing field of cardiology.

Cumulated Index Medicus 2000

Diagnostics, Risk Factors, Treatment and Outcomes of Acute Kidney Injury in a New Paradigm Wisit Cheungpasitporn 2020-12-10 Acute kidney injury (AKI) is a frequent clinical syndrome among hospitalized patients, independently associated with both short- and long-term mortality. Previous investigations attempted to identify effective interventions to prevent AKI or promote kidney function recovery in patients with AKI. Most were unsuccessful. Hence, additional studies are required in the field of AKI research. In this Special Issue, we are making a call to action to stimulate researchers and clinicians to submit their studies on AKI conducted in nephrology, internal medicine, critical care, and other disciplines that will provide additional knowledge and skills in the field of AKI research, ultimately to improve patient outcomes.

Dual Antiplatelet Therapy for Coronary and Peripheral Arterial Disease Sorin Brener 2021-01-09 Dual Antiplatelet Therapy for Coronary and Peripheral Arterial Disease is a complete reference containing updated information on the advantages and disadvantages of dual antiplatelet therapy, its duration, composition and anticipated changes. The basis for DAPT in arterial disease is discussed, allowing readers to understand platelet physiology and its relevance to ischemic events. Data on shorter than usual duration of DAPT, and on extended therapy beyond the recommendation of current guidelines is presented in great detail, summarizing a large

body of evidence into concrete, relevant recommendation that is readily adaptable by practicing clinicians. A clinically relevant and updated compendium of data pertaining to this field is also presented, as well as the anticipated trends and innovations likely to occur in the next 3-5 years. Summarizes a large body of evidence

into concrete, relevant recommendations that is readily adapted by practicing clinicians Explores the current status of DAPT, controversial topics, and future developments and trends in this field Edited and contributed by renowned cardiologists in the field