

## **Vascular Disease An Issue Of Cardiology Clinics 1e The Clinics Internal Medicine**

Vascular Diseases: Advances in Research and Treatment: 2011 Edition  
Coronary Artery Disease, An Issue of Cardiology Clinics, Mechanisms of Vascular Disease  
Cardiovascular Disease in Pregnancy, An Issue of Cardiology Clinics - E-Book  
Cardiovascular Pathology  
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Vascular Surgery: Current Concepts and Treatments for Venous Disease, An Issue of Surgical Clinics, E-Book  
Cardiovascular Rheumatic Diseases, An Issue of Rheumatic Disease Clinics, Cellular and Molecular Pathobiology of Cardiovascular Disease  
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PET Imaging of Thoracic Disease, An Issue of PET Clinics - E-Book  
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Biomarkers in Cardiovascular Disease  
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Advanced Therapy in Hypertension and Vascular Disease  
Peripheral Vascular Disease, an Issue of Interventional Cardiology Clinics  
Pharmacological Therapies for Peripheral Vascular Disease

### **Vascular Diseases: Advances in Research and Treatment: 2011 Edition**

Peripheral vascular disease (PVD) affects more than 30 million people worldwide, most often individuals over age 65. Despite this, PVD remains a disease with which many clinicians are unfamiliar. Peripheral Vascular Disease helps medical professionals of different backgrounds and training apply resources adequately to benefit individual patients. The authors provide a description of relevant vascular anatomy and pathophysiology, a focused review of diagnostic modalities used in screening for PVD, and contemporary medical and interventional treatments used for PVD. Generous use of bullet points, condensed tables, high-quality figures, and diagrams facilitate easy comprehension of a multifaceted and serious condition.

## **Coronary Artery Disease, An Issue of Cardiology Clinics,**

This issue of the Endocrinology and Metabolism Clinics, guest edited by Drs. Leonid Poretsky and Emilia Pauline Liao, will focus on Diabetes Mellitus: Associated Conditions. Articles in this issue include Metabolic syndrome; The role of glucocorticoids and insulin resistance in adipose tissue function and lipid metabolism; Cardiovascular disease; The Relationships between Cardiovascular Disease and Diabetes: Focus on Pathogenesis; Interventions for coronary artery disease; Peripheral Arterial Disease; Hypertension; Sleep apnea; Osteoporosis; Vitamin D deficiency; Diabetes and cancer; Dementia; Depression; and Polycystic Ovary Syndrome.

## **Mechanisms of Vascular Disease**

This state-of-the-art review provides an in-depth and critical summary of homocysteine from its molecular basis to clinical relevance and current clinical trials of folic acid and vitamin B6. Written by leading workers in the field, the book provides an authoritative, comprehensive and thoroughly up-to-date overview for scientists and clinicians and any others engaged in the field. It will also be useful to anyone involved in managing vascular patients or cardiac risk factors, as well as biochemists, pharmacologists, general physicians, cardiologists and clinical and basic researchers with an interest in preventive medicine.

## **Cardiovascular Disease in Pregnancy, An Issue of Cardiology Clinics - E-Book**

Peripheral vascular disease (PVD) is a slow and progressive circulation disorder. It may involve disease in any of the blood vessels outside of the heart and diseases of the lymph vessels—arteries, veins, or lymphatic vessels. This issue of Interventional Cardiology Clinics examines the epidemiology, diagnosis, and treatment of this pandemic disease.

## **Cardiovascular Pathology**

Patients with peripheral vascular disease (PVD) are at increased risk of death when compared with age-matched healthy controls. They are also, whether symptomatic or not, six times more likely to die within ten years when compared to patients without the disease. This excess mortality exists even if coronary artery disease is not clinically present, and makes the treatment of PVD a highly important and pressing topic. In this fully up-to-date text, Dr. Mukherjee and his excellent team of twenty-one contributors present the reader with all of the currently available clinical information for treating PVD patients effectively.

## **Vascular Diseases—Advances in Research and Treatment: 2013 Edition**

Vascular Diseases: New Insights for the Healthcare Professional / 2012 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Vascular Diseases in a concise format. The editors have built

Vascular Diseases: New Insights for the Healthcare Professional / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Vascular 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 Vascular 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/>.

## **Vascular Surgery: Current Concepts and Treatments for Venous Disease, An Issue of Surgical Clinics, E-Book**

Peripheral vascular disease (PVD) is a slow and progressive circulation disorder. It may involve disease in any of the blood vessels outside of the heart and diseases of the lymph vessels-arteries, veins, or lymphatic vessels. This issue of Interventional Cardiology Clinics examines the epidemiology, diagnosis, and treatment of this pandemic disease.

## **Cardiovascular Rheumatic Diseases, An Issue of Rheumatic Disease Clinics,**

Knowledge and understanding of vascular disease, particularly atherosclerosis, continue to expand across disciplines, as do diagnostic and therapeutic strategies for treatment of vascular disorders. This manual offers a consistent "how to" approach that places specific emphasis on management. Each chapter provides the reader with a highly practical approach so that he or she comes away with a reasonable amount of familiarity as to be able to manage the patient independently. Since the first edition, a certification in vascular medicine has become available. Some of the key features include: • Practical information such as drug doses, protocols for managing disorders, and algorithms; • Guidance on diagnostic assessment and treatment strategies for the majority of vascular disorders encountered in clinical practice; • Assimilation of information from areas outside cardiology, i.e., vascular surgeons and interventional radiologists, into a reader-friendly format geared toward the average practicing internist or cardiologist.

## **Cellular and Molecular Pathobiology of Cardiovascular Disease**

This issue of Interventional Cardiology Clinics is devoted to Carotid and Cerebrovascular Disease. Expert authors review the most current information available about diagnosing cerebral artery disease and managing carotid and cerebral artery stenosis. Keep up-to-the-minute with the latest developments in cerebrovascular disease interventions.

## **Vascular Disease**

Pregnancy stresses the heart and circulatory system. During pregnancy, blood volume increases by 30 to 50 percent. The amount of blood the heart pumps each minute also increases by 30 to 50 percent, and heart rate increases as well. These changes cause the heart to work harder, as do labor and delivery. This issue covers diagnosis and treatment of cardiac symptoms and cardiac emergencies during pregnancy.

## **Vascular Disease, An Issue of Cardiology Clinics,**

Cardiovascular Diseases: Genetic Susceptibility, Environmental Factors and Their Interaction covers the special heritability characteristics and identifying genetic and environmental contributions to cardiovascular health. This important reference provides an overview of the genetic basis of cardiovascular disease and its risk factors. Included are important topics, ranging from lifestyle choices, risk factors, and exposure, to pollutants and chemicals. Also covered are the influences of Mendelian traits and familial aggregation and the interactions and interrelationships between genetics and environmental factors which, when compared, provide a sound understanding of the interplay between inherited and acquired risk factors. The book provides a much needed reference for this rapidly growing field of study. By combining the latest research within the structured chapters of this reference, a better understanding of genetic and environmental contribution to cardiovascular disease is found, helping to substantiate further investigations in the field and design prevention and treatment strategies. Provides an overview of the genetic basis of cardiovascular disease and its risk factors Reviews several large population-based studies which indicate that exposure to several environmental factors may increase CVD morbidity and mortality, exploring the plausibility of this association by data from animal studies Reflects on future studies to help understanding the role of genes and environmental factors in the development and progression of cardiovascular disease

## **Prevention of Cardiovascular Disease: A Continuum, An Issue of Cardiology Clinics - E-Book**

With the numerous advances that have been made in treatment of heart disease over the past 20 years, physicians are now emphasizing more than ever the prevention of heart disease. This issue provides cardiologists with practical state-of-the-art information on prevention that can be easily applied to their patients. Topics covered include diabetes, lipid-lowering therapy, RAAS blockade, emerging therapies for atherosclerosis prevention, and heart disease in women.

## **Percutaneous Approaches to Valvular Heart Disease, An Issue of Interventional Cardiology Clinics - E-Book**

This issue of Cardiology Clinics will cover Coronary Artery Disease. Curated by Dr. Alberto Polimeni, this issue will explore topics in the field that are relevant for practicing clinicians. This issue is one of four selected each year by the series editorial board: Jamil A. Aboulhosen, David M. Shavelle, Terrence D. Welch, and Audrey H. Wu. The volume will include articles on: High sensitivity troponins in acute coronary syndromes, High bleeding risk patient with CAD, Complete

revascularization in chronic coronary syndrome, Patient selection for protected PCI, Clinical applications of echo strain imaging in coronary artery disease, Mechanical circulatory support for cardiogenic shock, Impact of NO donors on atherogenesis and atherosclerosis progression, Non-invasive Imaging risk stratification for CAD, Antithrombotic therapy for patients with atrial fibrillation undergoing percutaneous coronary intervention, No-Reflow phenomenon, Coronary physiology assessment for the diagnosis and treatment of CAD, Bioresorbable coronary scaffold technologies, Non-coding RNAs in coronary artery disease, New advances in the treatment of severe coronary artery calcifications, and Refractory angina pectoris.

## **Cardiovascular Diseases**

Although peripheral arterial disease (PAD) is often unrecognized or neglected by physicians, it affects twenty percent of older persons, causes considerable disability-including loss of limbs-and is an indicator of similar disease in the heart and other blood vessels. In *Peripheral Arterial Disease: Diagnosis and Treatment*, a panel of recognized experts comprehensively reviews the clinical, surgical, radiological, and scientific aspects of atherosclerotic peripheral arterial disease (PAD), large vessel vasculitis, and thromboangiitis, including endovascular, gene, and drug therapies. In their far-ranging discussions, the authors examine in depth the risk factors and antiplatelet therapies for PAD patients in danger of a heart attack and/or stroke, the important role of exercise rehabilitation, the surgical and catheter-based approaches to revascularization, the preoperative evaluation, and the perioperative management of the vascular patient. They also discuss the special problems of peripheral arterial disease in women, management of the diabetic foot, large vessel vasculitis, thromboangiitis obliterans, and atheroembolism. Completing this detailed overview is important information on ameliorating the risk factors for PAD, its pathogenesis and epidemiology, and the physiological and pathophysiological basis of available diagnostic tests. Authoritative and comprehensive, *Peripheral Arterial Disease: Diagnosis and Treatment* provides a detailed accounting of the medical, surgical, and radiological aspects of peripheral arterial obstructive disease, empowering today's clinicians and specialists with the knowledge and skills necessary to diagnose and treat this important but often overlooked disorder.

## **Endovascular Intervention for Vascular Disease**

Get a quick, expert overview of the ways in which biomarkers can be used to assess and guide the management of cardiovascular disease in the clinical setting. This concise, clinically-focused resource by Dr. Vijay Nambi consolidates today's available information on this rapidly changing topic into one convenient resource, making it an ideal, easy-to-digest reference for cardiology practitioners, fellows, and residents. Covers lab standards and statistical interpretation of biomarkers with a clinical focus. Discusses relevant conditions such as hypertension and diabetes as key markers of injury and prognosis. Includes current information on biomarkers to assess and guide the management of heart failure, acute coronary syndrome, chest pain, shortness of breath, and more. Concludes the book with a timely chapter on how biomarkers may guide cardiologists in the future.

## **Vascular Medicine E-Book**

Vascular Diseases: New Insights for the Healthcare Professional: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Genetics in a concise format. The editors have built Vascular Diseases: New Insights for the Healthcare Professional: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Genetics in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Vascular Diseases: New Insights for the Healthcare Professional: 2013 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/>.

## **Vascular Anesthesia, An Issue of Anesthesiology Clinics,**

Dietary Fiber for the Prevention of Cardiovascular Disease: Fiber's Interaction between Gut Microflora, Sugar Metabolism, Weight Control and Cardiovascular Health compiles the most up-to-date research discoveries to provide a timely and scientific rationale for the significant impact of a fiber rich diet for the prevention of heart disease. By focusing on the science behind how fiber, both soluble and insoluble can lead to lower rates of heart disease, this important reference will educate researchers, cardiologists, medical providers and students on how to improve patients' hearts via a fiber rich diet. Coverage includes the known mechanisms of how fiber works to reduce insulin resistance, control weight, reduce cholesterol by binding with bile, maintain stable glucose levels and influence gut microflora. Explains how fiber affects cardiovascular disease through the influence on insulin resistance, reduction of cholesterol, change in gut microflora and in weight control Provides thorough coverage of the effect of fiber on arrhythmias and valvular abnormalities Includes information on the indirect relationship between constipation and heart disease

## **Peripheral Arterial Disease**

Coronary artery disease is the number one killer in the United States, affecting more than 13 million Americans each year. This issue of Cardiology Clinics comprehensively examines the epidemiology, traditional and novel risk factors, and management of coronary artery syndromes; invasive and noninvasive testing; CT angiography; medically refractory angina; diabetes and coronary artery disease, revascularization options, and Syndrome X.

## **Translational Research in Coronary Artery Disease**

Vascular Diseases—Advances in Research and Treatment: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Aneurysm. The editors have built Vascular Diseases—Advances

in Research and Treatment: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Aneurysm in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Vascular Diseases—Advances in Research and Treatment: 2013 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/>.

## **Risk Factors in Coronary Artery Disease**

Provides a resource for health care professionals who evaluate and manage patients with hypertension. Topics include hypertension in adolescents, treatment of hypertension in athletes, hypertension and weight loss, salt and dietary change to control blood pressure, and more.

## **Coronary Artery Disease, An Issue of Cardiology Clinics, E-Book**

Peripheral Artery Disease: New Insights for the Healthcare Professional: 2011 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Peripheral Artery Disease in a compact format. The editors have built Peripheral Artery Disease: New Insights for the Healthcare Professional: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Peripheral Artery Disease 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 Peripheral Artery Disease: New Insights for the Healthcare Professional: 2011 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/>.

## **Homocysteine and Vascular Disease**

This issue of Surgical Clinics of North America focuses on Vascular Surgery: Current Concepts and Treatments for Venous Disease, and is edited by Dr. Marc Passman. Articles will include: Catheter Directed Therapy Options for Iliofemoral Venous Thrombosis; Evidence Based Algorithms for Pharmacologic Prevention and Treatment of Acute Deep Venous Thrombosis and Pulmonary Embolism; Phlebectomy Techniques for Varicose Veins; Pulmonary Embolism: Current Role of Catheter Treatment Options and Operative Thrombectomy; Endovenous and Operative Treatment of Superior Vena Cava Syndrome; Pathophysiology of Chronic Venous Insufficiency and Venous Ulcers; New Trends in Anticoagulation Therapy; Open Surgical Reconstruction for Venous Occlusion and Valvular Incompetence;

Liquid and Foam Sclerotherapy for Spider and Varicose Veins; Inferior Vena Cava Filters: Current Indications, Techniques, and Recommendations; Thermal and Non-Thermal Endovenous Ablation Options for Treatment of Superficial Venous Insufficiency; Role of Venous Stenting for Iliofemoral and Vena Cava Venous Obstruction; Advances in Operative Thrombectomy for Lower Extremity Venous Thrombosis; Optimal Compression Therapy and Wound Care for Venous Ulcers; Duplex Ultrasound for the Diagnosis of Acute and Chronic Venous Diseases; and more!

## **Dietary Fiber for the Prevention of Cardiovascular Disease**

Historically, vascular disease has been treated by a combination of open surgical procedures and medical management. Since the first description of a percutaneous procedure to dilate diseased lower limb arteries, the treatment of vascular disease has changed. *Endovascular Intervention for Vascular Disease: Principles and Practice* offers a diverse and comprehensive review of the current status of endovascular therapy for peripheral vascular disease. Setting a gold-standard in industry, it describes the entire spectrum of current techniques and emerging technologies including aneurysm repair, the management of occlusive disease, and vascular trauma. Providing step-by-step guidance on arterial and venous interventions by anatomical site, the book collects expert discussions on recent clinical trials and procedures for venous disease, reconstruction, and repair. In addition to summarizing the current techniques and available evidence, it discusses likely future advances in the field, taking into consideration both the natural history of the disease and alternative therapies that may involve cell- or gene-based approaches.

## **Carotid and Cerebrovascular Disease, An Issue of Interventional Cardiology Clinics,**

Make the most of today's innovative medical therapies, advances in vascular imaging, and new drugs to improve your patients' cardiovascular health with *Vascular Medicine, 2nd Edition*. This comprehensive, clinically-focused volume in the Braunwald's Heart Disease family provides an in-depth, state-of-the-art review of all vascular diseases, with an emphasis on pathophysiology, diagnosis, and management - giving you the evidence-based guidance you need to make appropriate therapeutic decisions on behalf of your patients. 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. Gain a state-of-the-art understanding of the pathophysiology, diagnosis, and management of arterial disease, venous disease, lymph dysfunction, connective tissue disease, vascular disease, and vascular manifestations of systemic disease. Benefit from the knowledge and experience of Dr. Mark A. Creager (editor of the *Vascular Medicine* society journal), Dr. Joshua A. Beckman, and Dr. Joseph Loscalzo, and benefit from their practice rationales for all of today's clinical therapies. Easily reference Braunwald's Heart Disease, 9th Edition for further information on topics of interest. Get up-to-date information on new combination drug therapies and management of chronic complications of hypertension. Learn the best methods for aggressive patient

management and disease prevention to ensure minimal risk of further cardiovascular problems. Stay current with ACC/AHA and ECC guidelines and the best ways to implement them in clinical practice. Enhance your visual perspective with an all-new, full-color design throughout. Utilize behavior management as an integral part of treatment for your hypertensive and pre-hypertensive patients. Effectively manage special populations with chronic hypertensive disease, as well as hypertension and concomitant disease. Access the complete contents online and download images at [www.expertconsult.com](http://www.expertconsult.com).

## **Vascular Diseases: New Insights for the Healthcare Professional: 2013 Edition**

Regenerative Medicine for Peripheral Artery Disease is a comprehensive and up-to-date resource on the use of regenerative medicine for the treatment of peripheral arterial disease. This reference includes a general overview of regenerative medicine and covers important vascular topics, including intermittent claudication and critical limb ischemia, with important mechanisms clearly presented in full color images throughout the book. This important reference includes clear and concise information on both human clinical trials, as well as important and pertinent animal studies, and is a must-have reference for researchers and practitioners of peripheral artery disease. Compiles and explains the rationale and history of different regenerative treatment concepts for peripheral artery disease in one reference Presents pertinent animal studies and human clinical trials in the area of regenerative medicine for peripheral arterial disease, addressing both safety and efficacy of the clinical trials Provides full-color images that demonstrate covered mechanisms Includes access to a full-color website for further study

## **Manual of Vascular Diseases**

Cardiovascular disease (CVD), once thought to be confined primarily to industrialized nations, has emerged as a major health threat in developing countries. Cardiovascular disease now accounts for nearly 30 percent of deaths in low and middle income countries each year, and is accompanied by significant economic repercussions. Yet most governments, global health institutions, and development agencies have largely overlooked CVD as they have invested in health in developing countries. Recognizing the gap between the compelling evidence of the global CVD burden and the investment needed to prevent and control CVD, the National Heart, Lung, and Blood Institute (NHLBI) turned to the IOM for advice on how to catalyze change. In this report, the IOM recommends that the NHLBI, development agencies, nongovernmental organizations, and governments work toward two essential goals: creating environments that promote heart healthy lifestyle choices and help reduce the risk of chronic diseases, and building public health infrastructure and health systems with the capacity to implement programs that will effectively detect and reduce risk and manage CVD. To meet these goals, the IOM recommends several steps, including improving cooperation and collaboration; implementing effective and feasible strategies; and informing efforts through research and health surveillance. Without better efforts to promote cardiovascular health, global health as a whole will be undermined.

## **Regenerative Medicine for Peripheral Artery Disease**

Cellular and Molecular Pathobiology of Cardiovascular Disease focuses on the pathophysiology of common cardiovascular disease in the context of its underlying mechanisms and molecular biology. This book has been developed from the editors' experiences teaching an advanced cardiovascular pathology course for PhD trainees in the biomedical sciences, and trainees in cardiology, pathology, public health, and veterinary medicine. No other single text-reference combines clinical cardiology and cardiovascular pathology with enough molecular content for graduate students in both biomedical research and clinical departments. The text is complemented and supported by a rich variety of photomicrographs, diagrams of molecular relationships, and tables. It is uniquely useful to a wide audience of graduate students and post-doctoral fellows in areas from pathology to physiology, genetics, pharmacology, and more, as well as medical residents in pathology, laboratory medicine, internal medicine, cardiovascular surgery, and cardiology. Explains how to identify cardiovascular pathologies and compare with normal physiology to aid research Gives concise explanations of key issues and background reading suggestions Covers molecular bases of diseases for better understanding of molecular events that precede or accompany the development of pathology

## **Peripheral Vascular Disease**

Endothelium and Cardiovascular Diseases: Vascular Biology and Clinical Syndromes provides an in-depth examination of the role of endothelium and endothelial dysfunction in normal vascular function, and in a broad spectrum of clinical syndromes, from atherosclerosis, to cognitive disturbances and eclampsia. The endothelium is a major participant in the pathophysiology of diseases, such as atherosclerosis, diabetes and hypertension, and these entities are responsible for the largest part of cardiovascular mortality and morbidity. Over the last decade major new discoveries and concepts involving the endothelium have come to light. This important reference collects this data in an easy to reference resource. Written by known experts, and covering all aspects of endothelial function in health and disease, this reference represents an assembly of recent knowledge that is essential to both basic investigators and clinicians. Provides a complete overview of endothelial function in health and diseases, along with an assessment of new information Includes coverage of groundbreaking areas, including the artificial LDL particle, the development of a new anti-erectile dysfunction agent, a vaccine for atherosclerosis, coronary calcification associated with red wine, and the interplay of endoplasmic reticulum/oxidative stress Explores the genetic features of endothelium and the interaction between basic knowledge and clinical syndromes

## **Endothelium and Cardiovascular Diseases**

The entire spectrum of vascular disease is examined in this issue of Cardiology Clinics. Topics include carotid artery disease, endovascular interventions for thoracic and abdominal aortic aneurismal disease, critical limb ischemia, contemporary treatment of venous thromboembolic disease, renal artery stenosis,

resistant hypertension, advances in peripheral arterial disease revascularization, stroke interventions, medical management of PAD, pre-operative evaluation of vascular patients.

## **Peripheral Vascular Disease, An Issue of Interventional Cardiology Clinics,**

Promoting developments in the diagnosis, prevention, and treatment of coronary artery disease, this reference furnishes the latest information on new and emerging risk factors for atherothrombotic vascular disorders-analyzing lipid-related and psychosocial risk factors, the genetic aspects of disease, the potential role of infection and inflammatio

## **Vascular Diseases: New Insights for the Healthcare Professional: 2012 Edition**

Cardiovascular Pathology, Fourth Edition, provides users with a comprehensive overview that encompasses its examination, cardiac structure, both normal and physiologically altered, and a multitude of abnormalities. This updated edition offers current views on interventions, both medical and surgical, and the pathology related to them. Congenital heart disease and its pathobiology are covered in some depth, as are vasculitis and neoplasias. Each section has been revised to reflect new discoveries in clinical and molecular pathology, with new chapters updated and written with a practical approach, especially with regards to the discussion of pathophysiology. New chapters reflect recent technological advances with cardiac devices, transplants, genetics, and immunology. Each chapter is highly illustrated and covers contemporary aspects of the disease processes, including a section on the role of molecular diagnostics and cytogenetics as specifically related to cardiovascular pathology. Customers buy the Print + Electronic product together! Serves as a contemporary, all-inclusive guide to cardiovascular pathology for clinicians and researchers, as well as clinical residents and fellows of pathology, cardiology, cardiac surgery, and internal medicine Offers new organization of each chapter to enable uniformity for learning and reference: Definition, Epidemiology, Clinical Presentation, Pathogenesis/Genetics, Light and Electron Microscopy/Immunohistochemistry, Differential Diagnosis, Treatment and Potential Complications Features six new chapters and expanded coverage of the normal heart and blood vessels, cardiovascular devices, congenital heart disease, tropical and infectious cardiac disease, and forensic pathology of the cardiovascular system Contains 400+ full color illustrations and an online image collection facilitate research, study, and lecture slide creation

## **PET Imaging of Thoracic Disease, An Issue of PET Clinics - E-Book**

Internationally recognized authorities in vascular medicine Michael R. Jaff and Christopher J. White have joined with leading experts to produce a book that comprehensively and uniquely addresses vascular disease. Because the number of patients with vascular disease is steadily increasing, there is a growing need for specialists who are highly skilled at diagnosis and knowledgeable about currently

available treatment options. Vascular Disease: Diagnostic and Therapeutic Approaches bridges vascular and endovascular medicine to provide practicing physicians of multiple backgrounds - as well as trainees, students, and anyone involved in the treatment of vascular disease - an essential overview of the diagnostic approaches and state-of-the-art treatments of arterial and venous diseases.

### **Endovascular Management of Cerebrovascular Disease, An Issue of Neurosurgery Clinics of North America,**

PET imaging has been used for the assessment of lung cancer for several years for diagnosis, staging, and post-treatment follow up. Expanded applications are now being used and explored in the imaging of the heart, thoracic vascular disease, and chest wall disorders. This issue provides an up-to-date review of the uses of PET for oncologic and nononcologic diseases of the thorax.

### **Diabetes Mellitus: Associated Conditions, An Issue of Endocrinology and Metabolism Clinics of North America,**

This issue serves as a high-level topic review and keeps the readers updated on current and future neurointervention directions.

### **Promoting Cardiovascular Health in the Developing World**

New updated edition first published with Cambridge University Press. This new edition includes 29 chapters on topics as diverse as pathophysiology of atherosclerosis, vascular haemodynamics, haemostasis, thrombophilia and post-amputation pain syndromes.

### **Biomarkers in Cardiovascular Disease**

Translational Research in Coronary Artery Disease: Pathophysiology to Treatment covers the entire spectrum of basic science, genetics, drug treatment, and interventions for coronary artery disease. With an emphasis on vascular biology, this reference fully explains the fundamental aspects of coronary artery disease pathophysiology. Included are important topics, including endothelial function, endothelial injury, and endothelial repair in various disease states, vascular smooth muscle function and its interaction with the endothelium, and the interrelationship between inflammatory biology and vascular function. By providing this synthesis of current research literature, this reference allows the cardiovascular scientist and practitioner to access everything they need from one source. Provides a concise summary of recent developments in coronary and vascular research, including previously unpublished data Summarizes in-depth discussions of the pathobiology and novel treatment strategies for coronary artery disease Provides access to an accompanying website that contains photos and videos of noninvasive diagnostic modalities for evaluation of coronary artery disease

### **Peripheral Artery Disease: New Insights for the Healthcare Professional: 2011 Edition**

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## **Advanced Therapy in Hypertension and Vascular Disease**

Chronic joint pain is often associated with rheumatic diseases, but rheumatic diseases can also cause damage to vital organs including the heart. This articles in this issue will cover cardiac involvement in a variety of rheumatic diseases with discussions abotu clinical presentations and mechanistic aspects.

## **Peripheral Vascular Disease, an Issue of Interventional Cardiology Clinics**

Among the most recently developed procedures for treating heart disease in a minimally invasive way are the techniques for percutaneous treatment of valvular heart disease. These are important advances because the only alternative is open heart surgery, which is not an option for many high-risk patients. This issue provides a detailed description of several percutaneous procedures, including transcatheter aortic valve implantation.

## **Pharmacological Therapies for Peripheral Vascular Disease**

The approach to anesthesia in children poses specific challenges such as acute emotional fear and distress, fluid imbalances, greater risks for dangerous upper respiratory infections, and most importantly, dosing requirements. The guest editors on this issue are the leaders in this field and will collect the best contributors to address new research advances in perioperative and postoperative scenarios, as well as offering best practices for common pediatric procedures.

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