

Vascular Disease In The Elderly

Cardiovascular Disease in the Elderly
Vascular Disease
Vascular Disease in Older Adults
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Cerebral Small Vessel Disease
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Cardiovascular Disease in the Elderly Patient
Arterial Aging and Age-Associated Arterial Diseases
Brocklehurst's Textbook of Geriatric Medicine and Gerontology E-Book
Vascular Disease, An Issue of Cardiology Clinics
Vascular Disease in Older Adults
Geriatric Rehabilitation
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Tresch and Aronow's Cardiovascular Disease in the Elderly, Fifth Edition
Cardiovascular Disease and Health in the Older Patient
Cardiovascular Disease In The Elderly, Third Edition, Revised And Expanded
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Vascular Diseases: New Insights for the Healthcare Professional: 2011 Edition
Principles and Practice of Geriatric Surgery
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Peripheral Vascular Disease in the Elderly
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Pulmonary Disease in the Aging Patient, An Issue of Clinics in Geriatric Medicine, E-Book
Cardiovascular Disease in the Elderly
Handbook of Research on Geriatric Health, Treatment, and Care
Mechanisms of Vascular Disease
The Cambridge Handbook of Successful Aging
Hypertension in the Elderly
Textbook of Angiology
Stroke and Stroke Related Disorders in the Elderly
Cardiovascular Disease in the Elderly
Peripheral Arterial Disease
Aging and Age-Related Disorders
Aging and Health - A Systems Biology Perspective
Frailty and

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Sarcopenia Principles and Practice of Geriatric Surgery Mechanisms of Cardiovascular Aging

Cardiovascular Disease in the Elderly

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.

Vascular Disease

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.

Vascular Disease in Older Adults

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This issue of Clinics in Geriatric Medicine, guest edited by Drs. Sidney S. Braman and Gwen S. Skloot, is devoted to Pulmonary Disease in the Aging Patient. Articles in this issue include: The Effects of Aging on Lung Structure and Function; Immunosenescence and the Lungs; Epidemiology of Lung Disease in the Elderly; The Evaluation of Dyspnea in the Elderly; Asthma in the Elderly; COPD in the Elderly Patient; Pulmonary Vascular Diseases in the Elderly; Granulomatous Lung Diseases in the Elderly; Lung Cancer in the Older Patient; Sleep Disorders in the Elderly; Idiopathic Pulmonary Fibrosis in the Older Patient; and Co-morbidities of Lung Disease in the Elderly.

Cardiology in Old Age

Features that characterize the aging process include the gradual accumulation of cell damage after prolonged exposure to oxidative and inflammatory events over a lifetime. In addition to the accretion of lesions, the intrinsic levels of pro-oxidant and aberrant immune responses are elevated with age. These adverse events are often further enhanced by the chronic and slow progressing diseases that characterize the senescent brain and cardiovascular system. The incidence of some disorders such as Alzheimer's disease and vascular diseases are sufficiently prevalent in the extreme elderly that these disorders can arguably be considered "normal". Aging and Aging-Related Disorders examines the interface between

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normal and pathological aging, and illustrates how this border can sometimes be diffuse. It explores and illustrates the processes underlying the means by which aging becomes increasingly associated with inappropriate levels of free radical activity and how this can serve as a platform for the progression of age-related diseases. The book provides chapters that examine the interactive relationship between systems in the body that can enhance or sometimes even limit cellular longevity. In addition, specific redox mechanisms in cells are discussed. Another important aspect for aging discussed here is the close relationship between the systems of the body and exposure to environmental influences of oxidative stress that can affect both cellular senescence and a cell's nuclear DNA. What may be even more interesting to note is that these external stressors are not simply confined to illnesses usually associated with aging, but can be evident in maturing and young individuals. A broad range of internationally recognized experts have contributed to this book. Their aim is to successfully highlight emerging knowledge and therapy for the understanding of the basis and development of aging-related disorders.

Cerebral Small Vessel Disease

Rehabilitation of the geriatric patient poses a unique set of challenges and conditions often not seen in younger patients, but which are common among older adults. This quick, practical resource helps physiatrists and other members of the

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rehabilitation team overcome these challenges, covering the wide range of topics necessary to provide the highest level of care to this rapidly increasing population. Presents practical guidance on arthritis and joint replacement, polypharmacy and mobility, swallowing dysfunction, nutritional recommendations, psychiatric and cognitive disorders, assistive technology, and more. Covers the physiologic changes and epidemiology of aging, osteoporosis and fragility fractures, fall prevention and intervention, and prevention of hospital-acquired deconditioning. Consolidates today's available information on geriatric rehabilitation into one convenient resource.

Cardiology Secrets

Aging is a major risk factor for chronic diseases, which in turn can provide information about the aging of a biological system. This publication serves as an introduction to systems biology and its application to biological aging. Key pathways and processes that impinge on aging are reviewed, and how they contribute to health and disease during aging is discussed. The evolution of this situation is analyzed, and the consequences for the study of genetic effects on aging are presented. Epigenetic programming of aging, as a continuation of development, creates an interface between the genome and the environment. New research into the gut microbiome describes how this interface may operate in practice with marked consequences for a variety of disorders. This analysis is

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bolstered by a view of the aging organism as a whole, with conclusions about the mechanisms underlying resilience of the organism to change, and is expanded with a discussion of circadian rhythms in aging. Finally, the book presents an outlook for the development of interventions to delay or to reverse the features of aging. The publication is recommended to students, researchers as well as professionals dealing with public health and public policy related to an aging society.

Cardiovascular Disease in the Elderly Patient

The leading reference in the field of geriatric care, Brocklehurst's Textbook of Geriatric Medicine and Gerontology, 8th Edition, provides a contemporary, global perspective on topics of importance to today's gerontologists, internal medicine physicians, and family doctors. An increased focus on frailty, along with coverage of key issues in gerontology, disease-specific geriatrics, and complex syndromes specific to the elderly, makes this 8th Edition the reference you'll turn to in order to meet the unique challenges posed by this growing patient population. Consistent discussions of clinical manifestations, diagnosis, prevention, treatment, and more make reference quick and easy. More than 250 figures, including algorithms, photographs, and tables, complement the text and help you find what you need on a given condition. Clinical relevance of the latest scientific findings helps you easily apply the material to everyday practice. A new chapter on frailty, plus an emphasis on frailty throughout the book, addresses the complex medical and social issues

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that affect care, and the specific knowledge and skills essential for meeting your patients' complex needs. New content brings you up to date with information on gerontechnology, emergency and pre-hospital care, HIV and aging, intensive treatment of older adults, telemedicine, the built environment, and transcultural geriatrics. New editor Professor John Young brings a fresh perspective and unique expertise to this edition.

Arterial Aging and Age-Associated Arterial Diseases

Geared specifically for the family practitioner, this text provides clinical approaches to the whole geriatric patient. Topics covered in this fifth edition include behavioural disturbances in dementia, driving and the older adult, and clinical practice guidelines in the elderly.

Brocklehurst's Textbook of Geriatric Medicine and Gerontology E-Book

A panel of clinicians, researchers, and leaders in the field review and discuss the latest findings on the pathophysiology, diagnosis, and management of cardiovascular disease in the older patient. The authors explain the physiological changes associated with the normal aging process that may lead to the

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development of disease, to adverse consequences once disease develops, and which alter the risk-benefit equation for medical and other interventions designed to diagnose, assess, and treat cardiovascular disease. The focus is on particularly common syndromes in the elderly, including cardiac failure with normal ejection fraction, isolated systolic hypertension, and atrial fibrillation. Wherever possible, the authors take an evidence-based approach to recommendations and rely heavily on prospective clinical trials.

Vascular Disease, An Issue of Cardiology Clinics,

Perfect for residents, generalists, anesthesiologists, emergency department physicians, medical students, nurses, and other healthcare professionals who need a practical, working knowledge of cardiology, *Netter's Cardiology, 3rd Edition*, provides a concise overview of cardiovascular disease highlighted by unique, memorable Netter illustrations. This superb visual resource showcases the well-known work of Frank H. Netter, MD, and his successor, Carlos Machado, MD, a cardiologist who has created clear, full-color illustrations in the Netter tradition. New features and all-new chapters keep you up to date with the latest information in the field. Includes 13 all-new chapters: Basic Anatomy and Embryology of the Heart, Stem Cell Therapies for Cardiovascular Disease, Diabetes and Cardiovascular Events, Clinical Presentation of Adults with Congenital Heart Disease, Transcatheter Aortic Valve Replacement, Deep Vein Thrombosis and

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Pulmonary Embolism, and more. Features new coverage of 3-D TEE imaging for structural heart procedures. Contains color-coded diagnostic and therapeutic algorithms and clinical pathways. Uses an easy-to-follow, templated format, covering etiology, pathogenesis, clinical presentation, diagnostic approach, and management/therapy for each topic. Offers dependable clinical advice from Drs. George A. Stouffer, Marschall S. Runge, Cam Patterson, and Joseph S. Rossi, as well as many world-renowned chapter contributors.

Vascular Disease in Older Adults

The underlying mechanisms behind aging has long been a great scientific mystery that the biomedical research community has long studied. In developed nations, as the population grows older, increases in life expectancy is increasingly limited by our relatively poor control of chronic aging-associated diseases such as arterial aging. Among age-related conditions that negatively influence longevity. Growing evidence demonstrates that arterial aging is fundamentally caused by a proinflammatory process that begins at birth and results in detrimental effects that affects every organ system. Vascular aging is the leading risk factor for quintessential cardiovascular diseases such as hypertension and atherosclerosis. With aging, vascular walls develop a pro-inflammatory and stressed microenvironment characterized by both an upregulation of pro-inflammatory chemokines and cytokines as well as a down-regulation anti-inflammatory

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counterparts. This chronic imbalance in inflammatory regulatory networks is the key driver of changes at the cellular and molecular level that result in hypertensive and atherosclerotic arterial. Thus, an intervention of proinflammation may be a viable therapeutic intervention to reduce morbidity and mortality from cardiovascular diseases. In this eBook, we aim to supply an updated overview of the physiological and biochemical mechanisms that affect inflammation and vascular aging. We believe that this eBook will contribute to the understanding of the pathogenesis of many chronic or age-related diseases, as well as to their treatment with both current and new therapeutic approaches.

Geriatric Rehabilitation

The incidence of stroke increases with age and with the increase in the life expectancy, the older people will contribute to a large portion of those afflicted with stroke. Stroke and Stroke related disorders in the Elderly begins with a historical review of stroke and its management followed by an overview of the anatomy and functions of the brain. Detailed knowledge of which is mandatory and essential for the proper understanding of what happens to a patient with a stroke and for interpretation of xray images of the brain. It then considers the pathophysiology as our knowledge of neuronal death continues to evolve. Clinical manifestations, the evaluation and management are then dealt with in full. Stroke-related disorders such as transient ischaemic attack and carotid artery disease are

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included. The book also provides essential information on poststroke neuropsychiatric and neurobehavioural disorders and poststroke complications such as cognitive impairment, falls, seizures, urinary incontinence and central stroke pain that may hinder or delay stroke recovery. Many sections follow a common pattern with headings and subheadings. The text offers the primary care physician, junior hospital doctors, medical undergraduates and specialist nurses a systematic approach to stroke in the elderly. The intent also is to provide extreme information where interest demands in those areas, extending the aims and scope of the book to pathology and pharmacology and beyond. KEY FEATURES
Contributes to the understanding of the pathophysiology of stroke
Presents an insight into the clinical manifestations and their evaluation and management
Describes the neuropsychiatric and neurobehavioural consequences of stroke

Vascular Cognitive Impairment

Certain to become the most trusted source in geriatric cardiology, this Third Edition compiles the latest studies and expertise on the epidemiology, pathophysiology, and management of cardiovascular disease in the elderly patient, tracking the rapid pace of innovation in the field with in-depth explorations of the most recent clinical trials and advances in vascular biology, cardiology, and cardiovascular surgery for influential developments in disease prevention and management.

Tresch and Aronow's Cardiovascular Disease in the Elderly, Fifth Edition

This volume of *Advances in Cell Aging and Gerontology* provides a timely review on the molecular and cellular basis of cardiovascular diseases (CVD). Age itself is the leading risk factor for cardiovascular diseases, which include loss of vasomotor function, athero- and arterio-sclerosis, hypertension, congestive heart failure and stroke. Together these pathologies comprise the leading causes of permanent disability, hospitalization and death for individuals over the age of 65. Thus, there is a critical need to assess both the age-associated causes leading to CVD as well as the current state of knowledge on preventive regimens designed to slow or modulate disease progression. This book concisely summarizes the current knowledge related to the major aspects contributing to cardiovascular dysfunction in the elderly as well as potential ways of maintaining or improving human cardiovascular healthspan.

Cardiovascular Disease and Health in the Older Patient

A fully integrated view of the medical and surgical aspects of both vascular and cardiovascular disease. Covering the complete spectrum of angiology, from basic physiologic principles to phlebology, this is the only text of its kind, and will thus be

a must for the libraries of cardiologists and cardiovascular surgeons alike.

Cardiovascular Disease In The Elderly, Third Edition, Revised And Expanded

Vascular Diseases: New Insights for the Healthcare Professional: 2011 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: 2011 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: 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/>.

Handbook of Models for Human Aging

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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.

Cardiovascular Disease in the Elderly, Fourth Edition

Get quick answers to the most important clinical questions with Cardiology Secrets! Using the popular and trusted Secret Series® Q&A format, this easy-to-read cardiology book provides rapid access to the practical, "in-the-trenches" know-how you need to succeed both in practice, and on cardiology board and recertification exams. Get the evidence-based guidance you need to provide optimal care for your patients with cardiac heart diseases. Explore effective solutions to a full range of clinical issues including the general examination, diagnostic procedures, arrhythmias, symptoms and disease states, valvular heart disease, cardiovascular pharmacology, and other medical conditions with associated cardiac involvement. Zero in on key information with bulleted lists, mnemonics, practical tips from the leading cardiologists, and "Key Points" boxes that provide a concise overview of important board-relevant content. Review essential material efficiently with the "Top 100 Secrets in Cardiology" - perfect for last-minute study or self-assessment. Apply all the latest advances in clinical cardiology techniques, technology, and pharmacology. Access the complete text and illustrations online at Expert Consult, fully searchable.

Vascular Diseases: New Insights for the Healthcare Professional: 2011 Edition

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Frailty is considered a multisystem impairment that makes an individual vulnerable to external or internal stressors. Sarcopenia, the age-dependent loss of muscle mass and function, is proposed as the biological substrate and the pathway whereby the consequences of physical frailty develop. These syndromes are associated with a negative impact in quality of life and can lead to the occurrence of disability, institutionalization, and even mortality. The book focuses upon all the related aspects of frailty and sarcopenia and the new advancements in the related treatments including complex issues and research. It includes high-quality chapters in all related aspects for the syndromes of sarcopenia and frailty, which adversely affect the function and overall effectiveness of the musculoskeletal system and interventions to promote rehabilitation.

Principles and Practice of Geriatric Surgery

This book presents a comprehensive and state-of-the-art approach to vascular disease for the geriatric patient, focusing on vascular pathology and interventions but also on perioperative care, anesthetic care, functional outcomes and quality of life, as well as ethical considerations that impact decision making. The book addresses open and endovascular interventions in different vascular beds, as well as preoperative workup and optimization, anesthetic considerations, all aspects and expectations of the postoperative care and recovery and is the only book to include specialize in the intricacies of the care of the geriatric patients, the

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challenging recovery and neurocognitive changes, and ethical considerations for the end stage geriatric patient or in the setting of postoperative complications. Written by experts in the field, each section addresses patient selection, pre-operative considerations, technical conduct of the most common operations with open or endovascular options, and avoiding complications. A brief review of the existing literature addressing the particular topic follows in each section. With its concise yet comprehensive summary of the field, *Vascular Disease in Older Adults* is the ultimate resource for geriatricians, cardiologists, surgeons, anesthesiologists, and all physicians of who care for the aging patient with vascular disease.

Netter's Cardiology E-Book

Reichel's Care of the Elderly

Provides a concise, up-to-date and easy accessible guide to managing the elderly patient with cardiovascular disease.

Peripheral Vascular Disease in the Elderly

By the time a man gets well into his seventies, his continued existence is a mere

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miracle. -Robert Louis Stevenson It hardly seems possible that a second edition is needed after the first has been in print for only three years. However, when I reflect on what has happened in geriatric cardiology during that short period, it becomes obvious why. First, cardiologists all over the globe have begun to realize that geriatric cardiology has evolved into a science and a clinical discipline of its own. Although some of us may consider such subspecialization unfortunate, it has become clear that a variety of cardiac disorders present with different symptoms and signs, require a different diagnostic and therapeutic approach, and have a different prognostic outlook in the elderly when compared to middle-aged patients. Since the aging segment of the population has increased dramatically over the past few decades, and continues to do so, specific age-related disorders are more frequently encountered by the practicing physician, be it by the general practitioner, by the internist, or by a cardiologist. Cardiovascular Disease in the Elderly provides an up-to-date guide to help the physician deal with these problems, leading the way in what turns out to be an increasingly complex area. Second, I have been heartened by the warm reception of the first edition and by the excellent reviews that it got in the most prestigious medical journals.

Early Vascular Aging (EVA)

Principles and Practice of Geriatric Surgery presents the fundamentals of surgical care for the fastest growing segment of the US population, providing a vital

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integration of operative strategies with the physiological changes of aging. Among the topics covered are the endocrine system, otolaryngology, respiratory system, cardiovascular system, GI system, hepatobiliary system, urogenital system, soft tissue and musculoskeletal system, neurosurgery, and transplantation.

Diabetes in Old Age

With advances and breakthroughs in modern medicine that are allowing people to live longer, the number of older adults will continue to grow exponentially over the next several decades. Cardiologists, geriatricians, and other clinicians caring for the elderly will require—at the very least—a basic understanding of cardiovascular disorders that commonly affect the older patient. In the fifth edition of Tresch and Aronow's *Cardiovascular Disease in the Elderly*, each chapter has been thoroughly updated to provide a comprehensive, yet accessible overview of the epidemiology, pathophysiology, evaluation, and treatment of cardiovascular disorders in older adults. The book spans topics such as aging changes in the cardiovascular system, risk factors and epidemiology for coronary artery disease, valvular heart disease, cardiomyopathies and heart failure, arrhythmias, cerebrovascular disease, and other miscellaneous subjects. The contributors supply evidence-based recommendations with strong emphasis on new research findings. New to the Fifth Edition: Numerous chapters comprehensively revised with new authors and/or co-authors Summaries at the beginning of each chapter to facilitate easy reading

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Discussion of the use of new antithrombotic agents in older adults Important references in the bibliography highlighted for simplified access With contributions from recognized experts in the field, this classic work continues to serve as the premier source on the evaluation and management of cardiovascular disorders in older adults.

Pulmonary Disease in the Aging Patient, An Issue of Clinics in Geriatric Medicine, E-Book

Written by leading experts in the field, Cardiovascular Diseases and Health in the Older Patient covers the epidemiology, pathophysiology and management of cardiovascular disease in the older patient. Based on and expanded from the cardiovascular section in Pathy's Principles and Practice of Geriatric Medicine, Fifth Edition, this book provides authoritative, practical information on one of the major diseases of old age. An excellent reference for clinical and pre-clinical levels, it's a must-have resource for geriatricians, cardiologists, and GPs, as well as cardiac specialist nurses and advanced practice nurses.

Cardiovascular Disease in the Elderly

Principles and Practice of Geriatric Surgery presents the fundamentals of surgical

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care for the fastest growing segment of the US population, providing a vital integration of operative strategies with the physiological changes of aging. Among the topics covered are the endocrine system, otolaryngology, respiratory system, cardiovascular system, GI system, hepatobiliary system, urogenital system, soft tissue and musculoskeletal system, neurosurgery, and transplantation.

Handbook of Research on Geriatric Health, Treatment, and Care

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open or endovascular options, and avoiding complications. A brief review of the existing literature addressing the particular topic follows in each section. With its concise yet comprehensive summary of the field, *Vascular Disease in Older Adults* is the ultimate resource for geriatricians, cardiologists, surgeons, anesthesiologists, and all physicians of who care for the aging patient with vascular disease.

Mechanisms of Vascular Disease

Vascular dementia, caused by multiple small strokes, is the second commonest cause of dementia behind Alzheimer's disease. In recent years there has been a radical reappraisal of the concept of vascular dementia and a move away from an Alzheimer-based diagnostic paradigm towards one more appropriately tailored for vascular disease. *Vascular Cognitive Impairment* presents a new definition for this class of cerebrovascular process with an emphasis on early detection, prompt treatment and the prevention of disease progression. *Vascular Cognitive Impairment: Preventable Dementia* presents an overview of the current state of our knowledge in this field. It reviews the historical background, prevalence, risk factors and economic consequences of the condition. In addition, the book summarises our knowledge of the pathological process, describing insight derived from genetic and imaging studies, before examining opportunities for early diagnosis, prevention and the options for management, both now, and as a result of ongoing clinical trials. With contributions from an expert team of international

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contributors, this book provides a comprehensive summary of the state-of-the-art in this field, providing a framework for a new understanding of a complex, disabling but Preventable condition.

The Cambridge Handbook of Successful Aging

Provides physicians involved in the care of elderly patients--family physicians, internists, cardiologists, surgeons, residents, and students--with an understanding of the pathophysiology of cardiac disorders in this age group; demonstrates the usual and atypical presentations of these disorders; and presents a logical approach to the treatment of elderly patients with such disorders. Special attention is given to how the disorders pertain to elderly patients and to recognizing the differences in both clinical presentation and response to therapy, compared to younger patients. Annotation c. by Book News, Inc., Portland, Or.

Hypertension in the Elderly

This new edition of the popular and market-leading Diabetes in Old Age features up-to-date and comprehensive information about the key aspects of managing older people with diabetes, predominantly type 2 diabetes. With a strong evidence-based focus throughout, the entire range of issues surrounding diabetes and its

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many complications are covered, each with a clear focus on how they relate directly to the older patient. Varying approaches to optimizing diabetes care in the community, primary care and secondary care health care arenas are presented, and the importance of comprehensive functional assessment is emphasized. Coverage of areas unique to an ageing population of older people with diabetes such as falls management, frailty and sarcopenia, and cognitive dysfunction form a key cornerstone of the book. In every chapter, best practice points and key learning outcomes are provided, as well as published evidence bases for each major conclusion. Diabetes in Old Age, 4th edition is essential reading for diabetologists and endocrinologists, diabetes specialist nurses, primary care physicians, general physicians and geriatricians, podiatrists and dieticians with an interest in diabetes, as well as all health professionals engaged in the delivery of diabetes care to older people.

Textbook of Angiology

Up-to-date discussion of the etiology, diagnosis, treatment, and prevention of this common cause of stroke and cognitive impairment.

Stroke and Stroke Related Disorders in the Elderly

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Mental and physical disorders are common in old age but frequently remain undetected and untreated. Managing treatment and controlling symptoms of these disorders is imperative to the longevity and quality of life of patients. The Handbook of Research on Geriatric Health, Treatment, and Care provides emerging research on promoting health in older adults by preventing and treating diseases and disabilities. By highlighting topics such as alternative treatment, clinical diagnosis, and positive psychology, this publication explores the methods and approaches of identifying and diagnosing epidemiological factors that contribute to geriatric health issues. This book is an important resource for healthcare professionals, academicians, medical practitioners, researchers, and students seeking current research on the methods and strategies for maintaining healthy and successful care for the elderly.

Cardiovascular Disease in the Elderly

The Handbook of Models for Human Aging is designed as the only comprehensive work available that covers the diversity of aging models currently available. For each animal model, it presents key aspects of biology, nutrition, factors affecting life span, methods of age determination, use in research, and disadvantages/advantages of use. Chapters on comparative models take a broad sweep of age-related diseases, from Alzheimer's to joint disease, cataracts, cancer, and obesity. In addition, there is an historical overview and discussion of model

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availability, key methods, and ethical issues. Utilizes a multidisciplinary approach Shows tricks and approaches not available in primary publications First volume of its kind to combine both methods of study for human aging and animal models Over 200 illustrations

Peripheral Arterial Disease

Early Vascular Aging (EVA): New Directions in Cardiovascular Protection brings together the last decade of research related to the characterization of EVA, as well as the predictive power of pulse wave velocity (PWV). The book presents a novel approach to the problem of cardiovascular disease, showing it in relation to great vessels disease and revealing a comprehensive approach to the problem of increased rigidity of the great vessels, its causes, and further consequences. Information provided is accompanied by online access to a supplemental website with video clips of anatomic specimens, cardiac imaging, and surgical procedures. Introduces the latest information on early vascular aging (EVA), complete with summaries of recent evidence and guidelines for relevant risk factor control Ideal reference for the study of vascular aging, pulse wave velocity, arteriosclerosis, EVA, arterial stiffness, vascular, PWV biomarkers, and cardiovascular disease Contains all the relevant information available from different fields of knowledge (from basic biology to epidemiology) in regard to EVA Provides evidence that leads to a new target for interventions, early vascular aging (EVA) in subjects with early

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onset increased arterial stiffness Includes online access to a supplemental website with video clips of anatomic specimens, cardiac imaging, and surgical procedures

Aging and Age-Related Disorders

A comprehensive review of all aspects of hypertension in the elderly using the most current clinical data. Topics range from basic concepts, epidemiology and trials, and evaluation and management, to pharmacologic treatment, special populations, and adherence, all presented with an emphasis on the optimal management of patients. The authors examine in detail the mechanisms of hypertension in the elderly, the lifestyle trials and outcomes trials that were conducted in older persons, as well as the problems of clinical evaluation, secondary hypertension, adherence, and target organ damage. Extensive discussions of pharmacologic therapy detail the role of all the major drug classes.

Aging and Health - A Systems Biology Perspective

As longevity increases, the scope of cardiac disorders extends more widely in the sixth decade and onward into the seventh and subsequent decades. For example, as a result of effective cardiac surgery in childhood, congenital heart disease is now found with increasing frequency in adults and not exceptionally in persons

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over 65 years of age. The frequency of aortic valve replacement for calcific congenital valve stenosis in subjects around 70 years of age illustrates the intrusion of congenital heart disease into the older age range. Thus, the publication of Cardiology in Old Age will be especially welcome at this time. The Editors have assembled a formidable galaxy of experts to present the special problems of epidemiology, pathology, cardiovascular physiology and function, and of specific cardiac disorders in the elderly. The chapter on cardiac surgery is particularly appropriate to many current problems. The whole subject must be of growing concern to all clinicians and health workers who have increasingly to deal with older patients who have cardiovascular disorders. Knowledge of the effects of aging on the cardiovascular system is therefore of great interest and the information given in this book undoubtedly will be of value to general physicians and cardiologists, who may be expected in the future to work more closely with geriatricians in the care of the elderly. Continuing research into the problems of aging is clearly also of great importance especially in the field of cardiovascular medicine.

Frailty and Sarcopenia

Recent studies show that more people than ever before are reaching old age in better health and enjoying that health for a longer time. This Handbook outlines the latest discoveries in the study of aging from bio-medicine, psychology, and

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socio-demography. It treats the study of aging as a multidisciplinary scientific subject, since it requires the interplay of broad disciplines, while offering high motivation, positive attitudes, and behaviors for aging well, and lifestyle changes that will help people to stay healthier across life span and in old age. Written by leading scholars from various academic disciplines, the chapters delve into the most topical aspects of aging today - including biological mechanisms of aging, aging with health, active and productive aging, aging with satisfaction, aging with respect, and aging with dignity. Aimed at health professionals as well as general readers, this Cambridge Handbook offers a new, positive approach to later life.

Principles and Practice of Geriatric Surgery

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.

Mechanisms of Cardiovascular Aging

Physicians, gerontologists, cardiologists, and all clinicians caring for the elderly require a basic understanding of cardiovascular disease and disorders found in aging patients. This text has been updated to provide an in-depth overview of the epidemiology, pathophysiology, evaluation, and treatment of cardiovascular disorders in older adults.

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