

# Arterial Grafting For Coronary Artery Bypass Surgery

Coronary Artery Bypass Graft SurgeryThe Practice of Coronary Artery Bypass SurgeryA Patient's Guide to Coronary Bypass Surgery and Its AftermathOff-Pump Coronary Artery BypassThe Current Perspectives on Coronary Artery Bypass GraftingArtery BypassReturn to Work After Coronary Artery Bypass SurgeryTechniques for Minimally Invasive Direct Coronary Artery Bypass SurgeryArterial Grafting for Coronary Artery Bypass SurgeryTechnical Aspects of Modern Coronary Artery Bypass SurgeryOperative Techniques in Coronary Artery Bypass SurgeryOff-Pump Coronary Artery Bypass SurgerySo You're Having Heart Bypass SurgeryCoronary Artery BypassesBeating Heart Bypass Surgery and Minimally Invasive Conduit HarvestingCoronary Bypass SurgeryCoronary Heart SurgeryIndications for Selected Medical and Surgical ProceduresCoronary Artery Bypass Grafting Surgery for Atherosclerotic Cardiac DiseaseCoronary Bypass Surgery in the Elderly Wilbert S. Aronow D. Miller Douglas C. Ewing Tohru Asai Takashi Murashita Wilbert S. Aronow P.J. Walter Robert W. Emery Guo-Wei He Mario Gaudino Alexander Albert Raymond Cartier Brett C. Sheridan, MD Russell T. Hammond V. Gulielmos Karl Hammerstein H. Roskamm Mark R. Chassin Mehmet Erdem Toker P.J. Walter

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the book coronary artery bypass graft surgery is an excellent update for health care professionals taking care of patients who are being considered for or who have had coronary artery bypass graft surgery the 8 chapters in this book are all written by experts in their topics this excellent book provides the practicing physician and other healthcare personnel who take care of patients with coronary artery disease new information valuable in care of patients with coronary artery disease

few advances in cardiovascular medicine have so captured the interest of physicians and the public alike as has coronary artery bypass surgery cardiologists who lived through the era of false hopes and frustrations of previous operations for coronary artery disease can fully appreciate what this major advance offers to their patients the number of papers on this topic presented at national meetings attest to its popularity but also make it increasingly difficult for anyone to assimilate all the data practitioners who must consider coronary artery bypass surgery for their patients may thus have difficulty in coming to some rational decision regarding the indications for the operation and its consequences depending on the authority that one reads there is still some controversy as to which patients are candidates for coronary artery surgery this monograph on the practice of coronary artery bypass surgery therefore comes as a welcome boon to cardiologists surgeons internists and general practitioners who must consider referring their patients for such surgery it presents a balanced and reasonable picture of the overall subject in addition to containing important information on such topics as operative technique and economic impact dr miller has done an outstanding job in bringing together in one text the important considerations related to the evaluation of patients the natural history of coronary artery disease and the benefits and problems associated with bypass surgery

multimedia is making some progress this cd rom reaches toward using the technology to enhance learning rather than as a novelty unsuccessful either as entertainment or pedagogy as we've seen in earlier overhyped multimedia products it presents visuals that can be rotated 360 degrees audio and text captions and some 200 animations that do fairly successfully convey visual conceptions of such activities as heart blood flow smelling hearing breathing etc the product is carefully conceived and will serve nicely as a novel supplement to introductory texts on the subject for students who have access to the needed computer power available in separate macintosh and windows versions needs 486 dx windows 3.1 8 mb ram annotation copyright by book news inc portland or

this book is a valuable resource on the subject of off pump coronary artery bypass opcab surgery which has recently been developed as a promising technique for reducing surgical damage to patients because of the increasing number of older patients who are candidates for a coronary artery bypass graft cabg operation less invasive surgeries are becoming a priority all over the world despite some challenges such as its technical difficulties emerging questions and controversies involved opcab surgery in cabg is now the gold standard in japan this book written by opcab experts examines the procedure established and its chief benefits its coverage ranges from a careful evaluation of the evidence for and against opcab surgery to preoperative and intraoperative management of patients undergoing coronary bypass surgery it also contains a description of advanced techniques for every aspect of the procedure the authors share essential insights into the latest trends in cardiovascular surgery for professionals and residents presenting detailed descriptions of the exposure of the heart stabilization of each coronary artery target construction of distal anastomoses and other important factors the book offers an invaluable reference guide for cardiac surgeons cardiologists anesthesiologists and other medical staff in operating rooms around the world

this book the current perspectives on coronary artery bypass grafting is an excellent update for health care professionals taking care of patients suffering from severe coronary artery disease the nine chapters in this book were written by experts in their fields the first section describes the hemodynamic mechanism and medical management of coronary artery disease the second section describes the most recent evidence and controversial topics in the field of coronary artery bypass grafting i believe this book will serve the interests of readers

the latest diagnostic and therapeutic modalities in the management of coronary artery disease by coronary artery bypass graft surgery and by percutaneous coronary intervention with stenting and in the interventional management of other atherosclerotic vascular disease have led to a reduction in cardiovascular mortality and morbidity this book entitled artery bypass provides an excellent update on these advances which every physician seeing patients with atherosclerotic vascular disease should be familiar with this book includes 27 chapters written by experts in their topics

when i gave a presentation on return to work after heart valve replacement at the tenth congress of the german society for thoracic and cardiovascular surgery in 1981 i was surprised by the relatively low level of interest that cardiac surgeons seemed to have in this subject this stimulated me to intensify my research in this area and to extend it to

patients with coronary heart disease obviously physiological and mechanical aspects of medical treatment are of special interest to the surgeon for the majority of cardiac surgical patients that is those with coronary heart disease the technical problems of the operative procedure have been solved to a great extent many studies have demonstrated that aside from reduction of symptoms aortocoronary bypass operation can lead to improvement of cardiac performance under stress conditions however in spite of the technical solutions to hemodynamic problems it has become very clear that the reintegration of patients into their social sphere has not been accomplished to the extent that might be expected as exemplified by the relatively low rate of postoperative return to work

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this updated edition examines the biological characteristics and clinical use of arterial grafts for coronary artery bypass surgery it contains first hand information on arterial grafts as well as vein grafts with regard to biological characteristics clinical use including off pump coronary bypass grafting surgery results and future developments the book is a practical guide and as a stimulus for further improvement of arterial grafting techniques

coronary surgery encompasses two thirds of all adult cardiac surgery cases with the endless pursuit of better outcomes modern coronary artery bypass grafting cabg has become technically more complex in ways that are well beyond the training of the average cardiac surgeon the old concept of one technique fits all has been abandoned in favour of a specialized approach tailored to the individual patient in fact in recent years there is a growing movement towards establishing coronary surgery as a super specialization of cardiac surgery technical aspects of modern coronary artery bypass surgery aims to expand on both the basics and complexities of the technical aspects of coronary surgery it serves as an up to date resource that illustrates and details the advancement and techniques in this field which may soon become a separate super specialty with a particular emphasis on illustrations the book will be an essential reference book for both established surgeons that have no experience in advanced cabg and the new generation of cabg surgeons a complete and concise resource on all aspects of coronary surgery in depth illustrative review of various coronary techniques covers both current recommendations and well established practices in the field

this book provides an invaluable practically applicable and comprehensive manual to coronary artery bypass grafting cabg surgery critical concepts and techniques are discussed in an easy to follow and understand step by step guide featuring a wealth of intraoperative photos and illustrations with concise and instructive descriptions topics covered include classical sternotomy variants of arterial revascularization off pump and minimally invasive techniques mics cabg operative techniques in coronary artery bypass surgery provides invaluable assistance to residents fellows and trainee surgeons by explaining theoretical and technical aspects of the latest advances in procedural techniques and therapy personalization to optimize cabg surgical outcome considering that any heart team depends entirely on the participants knowledge and their willingness to cooperate this work allows cardiologists and the other participants of a heart team to better understand the strengths and limitations of state of the art surgical coronary revascularization the concepts synthesized within the checklists and decision algorithms provided also enable the reader to develop their knowledge of which technique is the most appropriate for a particular patient

this book discusses the principles applications benefits and pitfalls of off pump coronary artery bypass opcab surgery and provides information on the surgical strategies adopted and the anesthetic management considerations for patient undergoing opcab surgery

this book is the ultimate patient guide to bypass surgery it puts you firmly in the driver s seat from preparing for your hospital visit through the surgery itself to quicker routes of recovery real life patient stories extensive self help sections and detailed illustrations fully explained both traditional and non traditional bypass surgery and a quick fix glossary and who s who of medical staff take the mystery out of medicine also included are a comprehensive directory to internet and other resources a guide to complementary therapies and a diary to help you keep track of your treatment and your recovery

coronary bypass surgery is a procedure to allow blood to flow to the heart muscle despite blocked arteries coronary bypass surgery uses a healthy blood vessel taken from your leg arm chest or abdomen and connects it to the other arteries in the heart so that blood is bypassed around the diseased or blocked area after a coronary bypass surgery normal blood flow is restored coronary bypass surgery is just one option to treat heart disease this book presents the latest research in this growing field

in the early days of cardiac surgery but also in the following four decades median sternotomy and cardiopulmonary bypass were nearly always included in cardiac surgical procedures less invasive surgical techniques were developed with the aim of reducing perioperative trauma without compromising the surgical result and things became more complex for cardiac surgeons they now often had to consider the surgical access of choice and whether cardiopulmonary bypass should be used or not since the mid 1990s not only have several novel minimally invasive surgical techniques been presented but also further refinements have been recommended from time to time this work comes to fill a gap in the field of coronary artery bypass grafting and conduit harvesting in cardiac surgery by gathering the mature version of such new less invasive techniques combining safety effectiveness simplicity sometimes even reducing procedural costs and that always for the patient s and for the surgeon s sake

on the occasion of the inauguration of the department of heart surgery at the rehabilitation center in bad krozingen we held under the auspices of the european society of cardiology an international symposium on march 17 to 18 1978 with the topic coronary heart surgery a rehabilitation measure this book contains the papers given at that time the editors of this book together with the other members of the scientific committee h denolin from brussels ch hahn from geneva and f loogen from dusseldorf aimed at selecting controversial topics as well as speakers representing different viewpoints thus avoiding portrayal of an image of a world of coronary bypass surgery in which all problems have found a solution in keeping with the topic of the meeting special emphasis was drawn to the long term functional results of aortocoronary bypass surgery symptomatic improvement being in most patients significant enough and lasting for at least some years thus allowing the patients to return to work however a combination of social economic and psychological factors may hamper optimal rehabilitation as can be seen from some of the following papers the incorporation of heart surgery into a rehabilitation center being the motif of this symposium may hopefully stimulate a global approach to cardiac rehabilitation which includes surgical medical psychological vocational and social rehabilitation measures bad krozingen january 1979 h roskamm m schmuziger table of contents 1

this report is part of a larger study to determine the extent to which the appropriate use of medical procedures is related to overall rates of use among geographic areas it is one of six volumes that report the ratings of panels of physicians on the appropriateness of performing each of six procedures for a wide variety of clinically specific indications the six procedures were coronary angiography coronary artery bypass graft surgery cholecystectomy diagnostic gastrointestinal endoscopy colonoscopy and carotid

endarterectomy this volume contains a literature review of coronary artery bypass graft surgery a comprehensive set of indications for performing this procedure and ratings of the appropriateness for each indication

atherosclerosis and related ischemic cardiac diseases are among the leading causes of death worldwide to combat this coronary artery bypass grafting cabg surgery has been applied for around the past 50 years this volume discusses various aspects of cabg in line with up to date information and practical experience from cardiovascular surgeons

coronary artery bypass surgery in the elderly too often or too seldom it is a testimony to scientific advances that raising a simple inquiry today such as whether coronary artery bypass surgery is done too often or too seldom in elderly patients requires an exploration of what views one might hold on several medical as well as non medical issues unlike earlier years when doctors were clinically free to decide what should be done with a patient health has become an expensive human right decisions about which also involve the patient the epidemiologist the health policy administrator politicians the exchequer and the philosopher in its broadest definition health has come to mean the core of well being and therefore the goal of any socio economic system until only a decade ago medical opinion regarding how often coronary artery bypass surgery cabg was indicated or useful was unclear because of multi organ senescence the elderly were expected to have a higher rate operative morbidity and mortality and having crossed an advanced life span might not live very long after the operation decision making on medical grounds first depends on knowing if a patient can survive an operation compared to how long they would survive without it i e

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