

Clinical Review Of Vascular Trauma

Current Therapy in Vascular and Endovascular Surgery is an ideal medical reference book to consult for information in this ever-changing field! Thoroughly revised to reflect the most recent innovations in vascular and endovascular surgery, it features more than 150 chapters on topics new to this edition, and equips residents and practitioners alike with the latest procedures and techniques in this rapidly growing area. Internationally recognized experts present expanded coverage of a wide array of topics, keeping you abreast of all of today's developments! Consult this title on your favorite device, conduct rapid searches, and adjust font sizes for optimal readability. Quickly locate key information with concise, to-the-point chapters. Prepare for boards or certification exams through coverage that spans the entire spectrum of vascular surgery. Explore brand-new coverage of endovascular procedures and techniques. Learn from leaders in the field, including internationally recognized editors and numerous global experts in specialized disciplines. Access in-depth, detailed coverage of various vascular diseases, each sub-divided into discrete topics for a more focused approach. View procedures more clearly than ever before with the help of more than 800 full-color illustrations throughout. This small but information-packed book is the first to focus exclusively on iatrogenic vascular injuries. It is a timely first, for the scope and magnitude of this subject have reached almost epidemic proportions recently, as a result of exponential increases in the use of invasive diagnostic and therapeutic procedures by almost every medical and surgical speciality. The data on vascular trauma from "civilian" experiences are becoming dominated by injuries of iatrogenic cause. Even were it not for medical-legal liability, the importance of prompt recognition and correct treatment of injuries that we ourselves cause is obvious, as is the need for preventive measures to be clearly identified and adopted. This book serves these needs well through a nicely balanced focus on prevention, on the one hand, with its comprehensive review of epidemiology and etiology, and on management, on the other, with its practical comments on diagnosis, treatment and outcome. The organization of this book makes it very usable. After chapters on both arterial and venous catheterization injuries, there follows a thorough analysis of injuries associated with percutaneous transluminal angioplasty and other endovascular procedures. Then, after a chapter on noninvasive vascular injuries, there follows a series of chapters dealing with vascular injuries associated with the practice of specific specialties: radiation therapy, orthopedics, neurosurgery (especially lumbar disc surgery), gynecology, head and neck surgery, urology, adult general surgery, and pediatric surgery.

Revised, updated, and expanded for its Third Edition, Anatomic Exposures in Vascular Surgery, is an indispensable guide for the vascular surgeon planning an operation. This classic anatomic reference contains over 550 drawings by a renowned surgeon and illustrator depicting the complex anatomy of the vasculature and surrounding structures, and demonstrating the ideal exposure techniques. The original illustrations will be presented in full color to fully convey three-dimensional concepts of anatomic relationships of the blood vessels and their surrounding structures, which will help to guide surgical decision-making in vascular surgery. Concise legends and text describe the anatomy in relation to the surgical approach. The book is organized by body region, and chapters are divided into anatomic overview and surgical approach sections, which allows the book to be used for extensive study or quick review, depending on the needs of the reader. New sections to this edition include forearm compartment syndrome, forearm fasciotomy, and vascular exposure of the lumbar spine. New concepts regarding surgical approaches to the blood vessels are updated in each chapter along with up-to-date references.

Muscle tears are one of the most common pathologies in sport and one of the most frequent causes of sport activity suspension. The purpose of this book is to review the state of the art of the actual knowledge on muscle tears in athletes, in particular for what concern the biology of muscle healing, the conservative and surgical treatments and the preventive aspects. Therefore, this textbook can be a valid tool for all Sport Medicine practitioners such as physicians, physiotherapists and fitness coaches.

A Case Based Clinical Review

Vascular Trauma

The Parkland Trauma Handbook E-Book

Objects and Identities

Trauma Induced Coagulopathy

An Overview

A practical resource covering both elective and emergency procedures for the practicing vascular and endovascular clinician This book provides medical professionals (vascular surgeons, interventional cardiologists, interventional radiologists, endovascular neurologists, vascular medicine specialists) with a reference guide to the most common and accepted approach to endovascular management of peripheral vascular disease. It also addresses urgent interventions in the acute setting of the various vascular beds, and covers emerging areas such as stroke intervention and endovascular treatment of pulmonary embolism and vascular trauma. Edited by a multidisciplinary team, Endovascular Interventions offers in-depth coverage of the field in seven parts: Overview; Supra-Aortic Intervention in High Risk Patients: Innominate, Subclavian, Carotid, Vertebral and Intracranial Interventions; Interventions of the Aorta; Renal and Mesenteric Interventions; Lower Extremity Interventions; Venous Disease; and Vascular Trauma. Each section covers the technical aspects of the procedures as well as the fundamental clinical aspects which are necessary in the evaluation of patients considered for interventions. Chapters feature illustrations, case studies, key learning points, equipment lists, and sample questions and answers which can be used for Board exam practice. Practical review of vascular and endovascular medicine covering both elective and emergency procedures Illustrated, templated chapters provide rapid answers to questions and include case studies, key learning points, and equipment lists Includes sample questions and answers that are handy for Board exam practice Edited by multidisciplinary experts Endovascular Interventions is an excellent review book for all practicing and aspiring vascular and endovascular specialists.

This practical surgical reference for the diagnosis and management of traumatic vascular injuries is unique in that it brings together all prominent management strategies from the various surgical subspecialties, creating a unified voice on the care of the vascular trauma patient. Management of common vascular injuries is examined from a general, trauma, vascular, orthopaedic, plastics, cardiothoracic, and neurosurgical perspective by respected experts from each of these fields. Each section has been edited by specialists in the other relevant disciplines to ensure that every chapter represents an evidence-based assessment of all of the surgical subspecialties. The clear and concise text is supplemented by dozens of surgical photographs, illustrations, tables, and charts that assist in conveying complex concepts in vascular trauma management. The Clinical Review of Vascular Trauma will be essential reading for any healthcare professional involved in care of the trauma patient.

The Trauma Care Manual was first published in 2000, and was the first evidence-based manual of best trauma practice. Now in its second edition, it continues to offer clear and practical guidelines for the management of victims of major trauma, reflecting current practice in the United Kingdom and Europe.The second edition benefits from an increase From prehospital evaluation to management in the emergency department,"Emergency Medicine and Trauma" provides easily accessible information on the evaluation, diagnosis, and management of trauma care. Recognition of the multidisciplinary nature and complexity of trauma care, especially the philosophy of a teamwork approach, must be an integral part of trauma management. To help make logical diagnoses and treatment plans , you will learn: The use of a structured and prioritized approach to critically ill and injured patients according to the clinical need and assessment of acuity level; How to establish resuscitation (management) priorities in a multiply injured patient; How to demonstrate the ability to adopt a holistic (multidisciplinary, biopsychosocial) approach to trauma patients. The role of the emergency department and its staff in major incidents, to understand planning and be prepared for major incidents. This book is designed not only for emergency medical providers but also for medical students.

A Clinical Guide to Decision-making

An Evidence-Based Approach

Trauma Care Manual

Vascular Challenges in Skull Base Surgery

Endovascular Resuscitation and Trauma Management

The Emergency Medicine Trauma Handbook

This book focuses on endovascular methods for resuscitation and trauma management. Written by highly qualified and clinically active physicians from around the world, it shares information gathered over the past decade, providing a comprehensive database of clinical knowledge for a wide range of practicing clinicians and researchers. Moreover, it describes basic methods for vascular access, methods for REBOA (Resuscitative Endovascular Balloon Occlusion of the Aorta), endo-grafts and embolization methods, as well as other, more advanced methods for endovascular and hybrid resuscitation (CPR REBOA, ECHMO etc.) from the pre-hospital to the post-surgical phase. As the body of literature in this field has grown considerably over the past five years, the book also focuses on summarizing what is known, what the clinical and research evidence is, and "how to actually use" the various methods. It will help readers understand basic and advanced modern techniques for bleeding control and modern resuscitation, and how to apply them in clinical practice.

Trauma is a leading cause of death and disability around the world, and the leading cause of death in those aged under forty-five years. Conditions such as airway obstruction, hemorrhage, pneumothorax, tamponade, bowel rupture, vascular injury, and pelvic fracture can cause death if not appropriately diagnosed and managed. This essential book provides emergency physicians with an easy-to-use reference and source for traumatic injury evaluation and management in the Emergency Department. It covers approaches to common, life-threatening, and traumatic diseases in the Emergency Department, for use on shift and as a reference for further learning. Each chapter includes a succinct overview of common traumatic injuries, with evaluation and management pearls and pitfalls. Highly illustrated with images from one of the busiest trauma centers in the US, and featuring expert contributions from a diverse set of attending physicians, this is an essential text for all emergency medicine practitioners. Currently, surgical management provides the definitive treatment of choice for most pituitary adenomas, craniopharyngiomas and meningiomas of the sellar region. The elegant minimally invasive transnasal endoscopic approach to the sella turcica and the anterior skull base has added a new dimension of versatility to pituitary surgery and can be adapted to many lesions in the region. In this multi-author book with numerous color illustrations the main aspects of the endonasal endoscopic approach to the skull base are presented, starting with a clear description of the endoscopic anatomy, the panoramic view afforded by the endoscope and the development of effective instruments and adjuncts. After the diagnostic studies, the strictly surgical features are considered in detail. The standard technique is described and particular aspects are treated, including the new extended approaches to the cavernous sinus, sphenoid ethmoid planum and clival regions.

Covers injuries to the upper and lower extremities as well as the internal organs; discusses everything from initial care and diagnostic options, through the management of specific injuries and special problems, to dealing with complications; describes the newest diagnostic modalities (such as color flow Doppler and MR angiography) as well as the latest interventional techniques; and addresses specific challenges such as minimal vascular injuries, endovascular grafts, iatrogenic vascular trauma, vascular trauma associated with illicit drug use, and compartment syndromes.

Vascular Decision Making

Civilian Vascular Trauma

Roman Britain and the North-western Provinces

Bleeding and Haemodynamic Control

Current Therapy of Trauma and Surgical Critical Care E-Book

Resources for Optimal Care of the Injured Patient

The essential multidisciplinary guide for the prevention and management of vascular injury from master skull base surgeons Vascular injury is the most significant source of morbidity or mortality during skull base surgery, regardless of the surgical approach. While skull base approaches always placed arteries and veins at risk, newer endoscopic endonasal approaches have introduced new challenges for the prevention and management of vascular injury. Greater anatomic knowledge, additional surgical options, improved instrumentation, advances in interventional neuroradiology, and enhanced training all contribute to successful outcomes. Vascular Challenges in Skull Base Surgery by renowned skull base experts Paul Gardner, Carl Snyderman, Brian Jankowitz, and distinguished contributors, fills a gap in the literature, with invaluable guidance on managing rare but potentially catastrophic surgical complications. The full range of surgical approaches to the anterior, middle, and posterior cranial fossae are covered in 22 chapters. Diverse topics encompass open and endoscopic endonasal surgical approaches, endovascular techniques including balloon test occlusion and embolization, and standard and alternative bypass procedures. The last three chapters discuss venous considerations, neurophysiologic monitoring, and the role of training and simulation in vascular injury prevention. Key learning points, illustrated discussion of relevant anatomy, and tips and tricks are targeted at helping skull base surgeons leverage practical strategies to improve patient outcomes. Key Highlights An impressive group of expert, highly-experienced surgeons share firsthand knowledge Insightful analyses of root causes and clinical pearls provide indispensable prevention tactics High-quality images and videos enhance visual understanding of surgical anatomy and techniques Trainees and practicing skull base surgeons will greatly benefit from the collective knowledge and evidence-based injury avoidance strategies shared by authors who have learned to master the art of skull base surgery.

Clinical Review of Vascular TraumaSpringer Science & Business Media

The incidence of total hip arthroplasty is increasing in number because of successful outcomes. Although technically challenging, once mastered a hip replacement is one of the most gratifying surgeries for both patient and surgeon. This book covers some of the most important aspects of hip replacement surgery. These include preoperative planning, anesthesia, classification systems, management of proximal femur fractures, anterior approach, complications, and rehabilitation aspects of hip arthroplasty. The book is intended for arthroplasty surgeons, anesthesiologists, and physical therapists who will find the book useful in parts and as a whole if they deal with arthroplasty cases on a regular basis. Experience-based narration of various subjects by authors ensures that first-hand experience is passed on to readers in a simple, easy-to-understand manner.

A unique question-and-answer book for surgical residents and trainees that covers all surgical aspects of critical care and acute or emergency medicine This is a comprehensive, one-of-a-kind question-and-answer text for medical professionals and apprentices concentrating on the growing subspecialty of surgery in critical care and emergency surgery. Covering all surgical aspects of critical care and acute or emergency surgery, it is an ideal learning and review text for surgical residents and trainees who care for these patients and those taking the Surgical Critical Care Board Examination. Edited by highly experienced professionals, and written in an engaging style, Surgical Critical Care and Emergency Surgery: Clinical Questions and Answers focuses exclusively on the unique problems and complexity of illnesses of the critically ill and injured surgical patient, and covers the specialist daily care such patients require. It reflects the latest advances in medical knowledge and technology, and includes fully revised and updated questions throughout, with additional topics addressed in a new companion website. Unique question-and-answer book on the growing specialty of critical care and acute surgery Ideal for US boards candidates Covers trauma and burns as well as critical care 8 page full-color insert showing high quality surgical photos to aid study Supplementary website including additional questions Surgical Critical Care and Emergency Surgery, Second Edition is an excellent resource for medical students, residents, fellows, and surgeons, as well as those in non-surgical specialties.

CLINICAL REVIEW OF VASCULAR SURGERY B&W.

Clinical Review of Vascular Trauma

Pelvic Ring Fractures

Endovascular and Open Vascular Reconstruction

Geriatric Trauma and Acute Care Surgery

Current Therapy in Vascular and Endovascular Surgery E-Book

Vascular Surgery: A Clinical Guide to Decision-making is a concise but comprehensive resource for operating vascular surgeons and clinicians. It serves as an essential reference manual, particularly to young vascular surgeons, for consulting the basic scientific knowledge of pathogenesis of various illnesses, as well as how to approach them in a clinical setting. Adopting a translational approach, this book dissects the background of vascular pathology and links it to application in surgical techniques, as well as providing practical tips and tricks for surgical maneuvers. With insights and suggestions from various experienced and skilled vascular surgeons, this book covers a range of topics including the origin of diseases, clinical presentation, and therapeutic options, from medical therapy to surgical or endovascular approach. Each chapter also reviews international cutting-edge research in the vascular field and its clinical application, illuminating future developments in the field. With the contributions of first-class vascular surgeons, this book also covers uncommon and advanced case studies while exploring the pros and cons of each intervention option, helping practitioners make informed decisions when facing difficult cases. This unique reference also helps young surgeons to make quick decisions in challenging cases, such as how to choose between open and endo treatment. Presents indications, techniques and results for various vascular surgery procedures completed with an overview about pros and cons of a treatment, allowing readers to make a quick decision when facing peculiar clinical cases Adopts a translational approach, dissecting the background knowledge of vascular pathology and linking it to application in surgical techniques, along with a summary tips and tricks regarding surgical maneuvers A global involvement from experienced vascular surgeons in the field, covering surgical techniques and important research from around the world, devising the future developments of the field 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.

This text provides a comprehensive and state-of-the art approach to reconstruction of the war injured patient tailored to the types of injuries and patients mostly encountered from the Arab region over the past few years at the American University of Beirut Medical Center, one of the largest tertiary care and referral centers in the area and its affiliated hospitals. The book discusses in detail evidence of literature, new research data and new perspectives about the management and reconstruction of all types of injuries: ophthalmic, head and neck, upper and lower limb bone and soft tissue trauma, trunk, visceral and urogenital injuries as well as vascular and central and peripheral nerve injuries. It also highlights the social burden of these injuries as well as the importance of rehabilitation and psychological support for the war injured. The most recent findings of the change in the microbiology of these wounds and their treatment modifications are also discussed. Reconstructing the War Injured Patient will serve as a valuable resource for surgeons, clinicians and researchers dealing with and interested in the multiple facets of current war casualty care all the way from the battlefields to the long-term chronic rehabilitation. It includes concise yet comprehensive overviews of the current status of the war casualty patient reconstruction domain. It will help guide patient management based on evidence from literature, clinical and surgical experience and ongoing research. It will also help stimulate investigative efforts in this dynamic and active field of war medicine.

The purpose of this book is to give providers of all levels a simple and essential source of practical information in treating the elderly trauma and emergency surgery patient. The Introduction instructs practitioners how to evaluate and assess risk including frailty and use this information in Goals of Care discussions to facilitate shared decision making so crucial to this population. The individual chapters consist of best practices and care guidelines from some of the most well-known thought leaders and best trauma centers in the country across the

spectrum from geriatricians to trauma and acute care surgeons and nurses. Each chapter contains easy-to-read algorithms and references that the readers can use and adapt for their own setting. Chapters on Pre-hospital care will help guide EMS organizations and even systems in the right care and triage of the elderly. Each chapter also contains a Nursing Focus section for helpful nursing tips in caring for the elderly with those injuries and problems. These sections make this book a must-have for any center looking to improve its care of the elderly patient or just trying to be sure its care is already the best it can be. A special section on Post Acute Care will introduce the provider to the common issues surrounding particular disposition destinations for the elderly patient. This will facilitate discussions with families, case managers and facilities to help improve time to disposition.

Emergency Medicine and Trauma

Endoscopic Endonasal Transsphenoidal Surgery

Clinical Questions and Answers

Hand and Wrist Injuries in Baseball

Oxford Textbook of Vascular Surgery

Mobile Medicine Series

The Oxford Textbook of Vascular Surgery draws on the expertise of over 130 specialist contributors to encompass the field of vascular surgery. Through the use of figures, findings of contemporary trials, and additional online content, this textbook is an excellent study material for surgical trainees entering their final two years of training, in addition to serving as an effective reference source for practicing surgeons. This volume discusses the epidemiology, vascular biology, clinical features and management of diseases that affect the vasculature and contains dedicated chapters which address topics such as paediatric surgery, damage control surgery, and amputations. The text follows a logical framework which complements the published Intercollegiate Surgery Curriculum making it particularly useful in preparation for the Intercollegiate Examination. The online version of The Oxford Textbook of Vascular Surgery is free for twelve months to individual purchasers of this book and contains the full text of the print edition, links to external sources and informative videos demonstrating current surgical techniques, making this a valuable resource for practicing surgeons. The field of vascular surgery has advanced rapidly in recent years and has expanded to include the techniques of interventional radiology and cardiology which are also extensively covered in this volume, making it an authoritative modern text. By combining contemporary evidence-based knowledge with informative figures, online resources and links to the current training curriculum, The Oxford Textbook of Vascular Surgery is a highly valuable source of information and will become the standard reference text for all who study vascular disease and its treatment.

This volume explores Rome's northern provinces through the portable artefacts people used and left behind. Objects are crucial to our understanding of the past, and can be used to explore interlinking aspects of identity. For example, can we identify incomers? How are exotic materials (such as amber and ivory) and objects depicting 'the exotic' (e.g. Africans) consumed? Do regional styles exist below the homogenizing influence of Roman trade? How do all these aspects of identity interact with others, such as status, gender, and age? In this innovative study, the author combines theoretical awareness and a willingness to engage with questions of social and cultural identity with a thorough investigation into the well-published but underused material culture of Rome's northern provinces. Pottery and coins, the dominant categories of many other studies, have here been largely excluded in favour of small portable objects such as items of personal adornment, amulets, and writing equipment. The case studies included were chosen because they relate to specific, often interlinking aspects of identity such as provincial, elite, regional, or religious identity. Their meaning is explored in their own right and in depth, and in careful examination of their contexts. It is hoped that these case studies will be of use to archaeologists working in other periods, and indeed to students of material culture generally by making a small contribution to a growing corpus of academic and popular books that develop interpretative, historical narratives from selected objects.

Surgery: A Case Based Clinical Review provides the reader with a comprehensive understanding of surgical diseases in one easy to use reference that combines multiple teaching formats. The book begins using a case based approach. The cases presented cover the diseases most commonly encountered on a surgical rotation. The cases are designed to provide the reader with the classic findings on history and physical examination. The case presentation is followed by a series of short questions and answers, designed to provide further understanding of the important aspects of the history, physical examination, differential diagnosis, diagnostic work-up and management, as well as questions that may arise on surgical rounds. Key figures and tables visually reinforce the important elements of the disease process. A brief algorithmic flow chart is provided so the reader can quickly understand the optimal management approach. Two additional special sections further strengthen the student's comprehension. The first section covers areas of controversy in the diagnosis or management of each disease, and another section discusses pitfalls to avoid, where the inexperienced clinician might get in trouble. The text concludes with a series of multiple choice questions in a surgery shelf/USMLE format with robust explanations. **Surgery: A Case Based Clinical Review** is based on 20 years of Socratic medical student teaching by a nine-time Golden Apple teaching awardee from the UCLA School of Medicine and will be of great utility for medical students when they rotate on surgery, interns, physician assistant students, nursing students and nurse practitioner students.

In recent years, the growth in endovascular procedures has meant that vascular trainees may not gain sufficient experience to be competent in open vascular reconstructions following completion of their training. At the same time many senior surgeons have somewhat limited experience of endovascular techniques. This book will assist junior and senior surgeons and trainees in performing all types of vascular reconstructions. A key feature of the book is its clear illustrations, accompanied by pertinent case examples from vascular registries, so that readers can perform these operations with clear understanding of anatomical exposure and dissection, simplifying the conduct of the procedure.

A Practical Approach

Combat Anesthesia

Endovascular Interventions

Anatomic Exposures in Vascular Surgery

Medical, Endovascular, Surgical

A Clinical Guide

Developed by UK and US anesthetists with extensive experience in theater, this book describes the latest anesthesia techniques, practices, and equipment used in current combat and humanitarian operations. Includes chapters on topics such as injuries and physiology, team members, protocols, vascular access, airway management, burns, imaging, pain management and medications, regional anesthesia, ventilation, and postoperative management.

This text is aimed at defining the current concepts that define trauma induced coagulopathy by critically analyzing the most up-to-date studies from a clinical and basic science perspective. It will serve as a reference source for any clinician interested in reviewing the pathophysiology, diagnosis, and management of the coagulopathic trauma patient, and the data that supports it. By meticulously describing the methodology of most traditional as well as state of the art coagulation assays the reader will have full understanding of the tests that are used to study trauma induced coagulopathy. The evolving use of blood products as well as recently introduced hemostatic medications are reviewed in detail. Trauma Induced Coagulopathy will also be a valuable source for quick reference to the clinician that is faced with specific clinical challenges when managing coagulopathy.

With concise text and a simple, easy-to-follow organizational structure, the brand-new Vascular Decision Making: Medical, Endovascular, Surgical helps you make well-informed treatment and procedural decisions on a variety of vascular conditions and diseases you encounter in clinical settings with patients.

This book looks at specific vascular surgery questions that have arisen and where careful analysis is given according to the level of supporting evidence available. As new technology is introduced to treat the cardiovascular system, alternative therapies begin to challenge and also complement traditional vascular surgery. All chapters contain the PICO table to summarise specific characteristics relative to the questions posed in each chapter. Difficult Decisions in Vascular Surgery- An Evidence-Based Approach is a current and timely reference source for practicing surgeons, surgeons in training, and educators, that describes the recommended ideal approach, rather than customary care, in selected clinical situations.

Rich's Vascular Trauma E-Book

Oxford Textbook of Fundamentals of Surgery

Surgery

Difficult Decisions in Vascular Surgery

Vascular Surgery

Here's a unified evidence-based approach to problems encountered in trauma and critical care surgical situations. Comprehensive and concise, it is ideal for a quick overview before entering the operating room or ICU, or as a review for board certification or recertification. Be prepared for the unexpected with practical, concise coverage of major surgical problems in trauma and critical care. Get expert practical and up-to-date guidance on ventilator management, damage control, noninvasive techniques, imaging, infection control, dealing with mass casualties, treating injuries induced by chemical and biological agents, and much more. Find the information you need quickly and easily through numerous illustrations, key points boxes, algorithms, and tables.

Whether you are a physician or surgeon with only occasional trauma duties, a resident rotating in trauma, or part of a full-time trauma team, this handbook will help keep your procedures and practices in line with the latest evidence-based guidelines.

Included is current information for alternative airway management, ultrasound in the trauma setting, laparoscopic surgery in trauma, terrorism preparedness, damage control, the trauma systems quality improvement process, bedside procedures in the surgical intensive care unit, massive transfusion protocol, diagnosis of blunt cervical vascular injury, and much more. Presents an evidence- and experience-based guide to the evaluation and initial management of the trauma patient. Provides a comprehensive but concise trauma reference you can carry in your pocket. Consists of information direct from the residents on the frontlines at Parkland Memorial Hospital. Provides "Fast Facts and "Pearls and Pitfalls in each chapter that emphasize key points to help you find information quickly and easily. Incorporates "Evidence boxes highlighting evidence-based guidelines, when available, to help you make more rational judgments about the issues at hand. Contains up-to-date coverage of timely issues in trauma and critical care including damage control, ultrasound, bedside procedures in the ICU, and terrorism preparedness. Reflects the numerous advances made in trauma care since the last edition.

The field of sports medicine covers a tremendous territory. Athletes present to their physician with everything from sprained ankles to bowel problems while running. Many of the classic textbooks in sports medicine cover many of these issues in a cursory way. Two major organ systems that account for many injuries in athletes are the nervous system and the vascular system. Because of their widespread, diffuse nature, athletes can present with myriad signs and symptoms related to these systems. Drs.

Akuthota and Herring have done an outstanding job in their textbook Nerve and Vascular Injuries in Sports Medicine to produce a commonsense, yet thorough, approach to potential nerve and vascular injuries in athletes. The text provides any physician or clinician who evaluates and treats athletes with a clear path to an appropriate history, physical examination, imaging studies, and electrophysiologic and vascular examinations of any athlete with potential nerve or vascular injuries. The first third of the book describes the appropriate evaluation of athletes with nerve and vascular symptoms and signs. Emphasis is placed on kinetic chain contributions to nerve and vascular injuries to address not only the cause of the injury but possible associated, contributing biomechanical deficiencies. The last two-thirds of the book cover regional specific nerve and vascular injuries with special attention to stingers, thoracic outlet syndrome, lumbar radiculopathy, and compartment syndromes.

Published in association with the Society for Vascular Surgery (SVS), the newly updated edition of Rich's Vascular Trauma draws on civilian and military authorities from around the world to offer comprehensive and up-to-date coverage of the management of vascular injury. Anatomic patterns of vascular trauma including extremity, torso and cervical injury are reviewed in detail, including the latest techniques to manage non-compressible torso hemorrhage. You'll have access to all of the current innovations across the broad spectrum of vascular trauma, presented in a well-organized fashion that allows you to quickly hone-in on the most important issues in patient care and management. Emphasizes the current management of civilian vascular injuries with an historical reflection of pioneering contributions from the battlefield. Combines the largest existing database of military vascular trauma with the experience of one of the nation's premier civilian trauma centers. Examines operative techniques and "damage control" for vascular traumas. For the first time, includes a novel International Perspectives section featuring fascinating accounts of vascular trauma from nine leading surgeons from five continents. This section focuses on innovative surgical treatments tailored to locally developed pathways of care, training solutions, and regional injury patterns. End-to-end coverage of all phases of acute vascular injury care, including a new assessment of the implications of vascular trauma in the pre-hospital setting (i.e. point of injury and en-route care). Covers the emerging hot topics, including endovascular procedures to manage trauma, contemporary use of vascular shunts, and a modern reappraisal of resuscitative endovascular balloon occlusion of the aorta for shock. An innovative chapter on the systems approach and quality improvement in vascular trauma, offering information and tactics for all providers wishing to understand how clinical systems underpin patient outcome and recovery from this challenging injury pattern. A combined civilian and military authorship from internationally recognized authorities draws on the best available evidence, experience, and lessons-learned from Afghanistan, Iraq, and the "urban battlefield." Medicine eBook is accessible on a variety of devices.

Medical Examination Review Book: Trauma surgery

The First 24 Hours

Reconstructing the War Injured Patient

Nerve and Vascular Injuries in Sports Medicine

Surgical Critical Care and Emergency Surgery

Iatrogenic Vascular Injuries

This book provides in-depth coverage of all aspects of pelvic ring fractures and their management. The opening chapters supply essential information on surgical anatomy, biomechanics, classification, clinical evaluation, radiological diagnostics, and emergency and acute management. The various operative techniques, including navigation techniques, that have been established and standardized over the past two decades are then presented in a step-by-step approach. Readers will find guidance on surgical indications, choice of approaches, reduction and fixation strategies, complication management, and optimization of long-term results. Specific treatment concepts are described for age-specific fractures, including pediatric and geriatric injuries, and secondary reconstructions. Pelvic ring fractures represent challenging injuries, especially when they present with concomitant hemodynamic instability. This book will help trauma and orthopaedic surgeons at all levels of experience to achieve the primary treatment aim of anatomic restoration of the bony pelvis to preserve biomechanical stability and avoid malunion with resulting clinical impairments.

Muscle Injuries in Sport Medicine

Mechanisms of Vascular Disease

Total Hip Replacement

Extremity Trauma