

Acetabular Fractures Anatomic And Clinical Considerations

Doody Rating: 4 stars: This book opens with convenient exposures in inconvenient situations and concludes with evaluation of patients with persistent pain following complex primary hip replacements. Covers a spectrum from excision hip arthroplasty to computer assisted hip replacement and topics dealing with hip replacements in dysplastic hips, proximal femoral deformities with an overview of total hip replacement in patients with neuromuscular abnormalities. It covers surgical principles and implant selection on the topic like patients with previous fractures about the hip, severe hip dysplasia, tumors involving the hip. Each chapter provides the reader with a complete review of the pathological problems to be encountered, a rationale for preoperative planning and correction of bony and soft tissue abnormality and discussion of implant options. The author have tried to analyze difficulty in performing surgery in situations such as avascular necrosis of femoral head, fractures, failed fixations, tumors and protrusion. In addition the authors have expressed their views in tackling the challenges in osteoporotic situations, ankylosing spondylitis, rheumatoid arthritis and infections. This book is helpful for postgraduates medical students and orthopaedic surgeons.

In its thoroughly revised, updated Seventh Edition, Rockwood and Green's Fractures in Adults offers a complete print and multimedia package: the established "gold-standard" two-volume reference on fractures and access to an integrated content website. More than 80 of the world's foremost authorities provide comprehensive coverage of all bone and joint injuries, thoroughly discuss alternative methods for treating each injury, and present their own preferred methods. This edition has 33 new contributors and new chapters on principles of nerve injury and complex regional pain syndrome; psychological aspects of trauma; gunshot and wartime injuries; principles of mangled extremity management; amputations; limb salvage reconstruction; principles of post-traumatic infections; principles of nonunions; and principles of malunions.

This book is a state-of-the-art reference resource for surgeons treating patients with intra-articular fractures of the hip. It serves as a guide to assessing and classifying typical fracture patterns to reach the correct diagnosis and helps select the appropriate up-to-date treatment strategy. It describes in detail the complex anatomy of the acetabulum and proximal femur, and also explains the assessment of various radiological imaging techniques for the pelvis and the hip. The book highlights the advantages and disadvantages of traditional as well as newer surgical approaches to the hip and pelvis, such as surgical hip dislocation, hip arthroscopy, the pararectus approach, and combined approaches. For each surgical approach, the authors identify typical complications and document long-term outcomes. It also includes chapters on the management of specific fracture types, such as acetabular, femoral head (Pipkin), and femoral neck fractures, as well as traumatic hip dislocations, and pathological fractures due to osteoporosis or tumors. This book is part of the series Fracture Management Joint by Joint.

Musculoskeletal Imaging provides a comprehensive review of the subject matter commonly encountered by practicing radiologists and radiology residents in training. Volume 1 includes succinct overviews of trauma, arthritis, and tumor and tumor-like conditions. Volume 2 reviews metabolic, infectious, and congenital diseases; internal derangement of joints; and arthrography, and ultrasound. Part of the Rotations in Radiology series, this book offers a guided approach to imaging diagnosis with examples of all imaging modalities complimented by the basics of interpretation and technique and the nuances necessary to arrive at the best diagnosis. Each pathology is covered with a targeted discussion that reviews the definition, clinical features, anatomy and physiology, imaging techniques, differential diagnosis, clinical issues, key points, and further reading. This organization is ideal for trainees' use during specific rotations, for exam review, or as a quick refresher for the established musculoskeletal imager. It is a must-read for residents and practicing radiologists seeking a foundation for the essential knowledge base in musculoskeletal imaging.

Orthopaedic Knowledge Update

Acetabular and Pelvic Fractures

Evidence-based Orthopaedics

Classification and Pathogenesis The Role of Osteotomy as a Consequent Therapy

Musculoskeletal Imaging Volume 1

Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. Perfect for residents to use during rotations, or as a quick review for practicing radiologists and fellows, Musculoskeletal Imaging: The Essentials is a complete, concise overview of the most important knowledge in this complex field. Each chapter begins with learning objectives and ends with board-style questions that help you focus your learning. A self-assessment examination at the end of the book tests your mastery of the content and prepares you for exams. This issue of Radiologic Clinics of North America focuses on Trauma and Emergency Radiology and is edited by Dr. Stephan W. Anderson. Articles will include: Stroke imaging; Imaging of bowel obstruction and ischemia; Abdominopelvic emergencies: Application of MRI; Damage control laparotomy; Imaging of blunt bowel and mesenteric injury; Imaging of soft tissue neck trauma: larynx, esophagus, and vessels; Imaging of cardiac trauma; Imaging of spine trauma; Imaging of brain trauma; Imaging of cardiovascular thoracic emergencies: Acute aortic syndrome, coronary computed tomoangiography, and pulmonary embolism; Easily missed extremity fractures in children; and more!

The global burden of geriatric hip fractures is enormous. From both the patient's and physician's perspective, the injury is complex. A hip fracture often changes a patient's life and/or the life of the patient's family permanently. From the physician's perspective, care of geriatric hip fracture patients requires a multidisciplinary team, which is led by the surgeon and which includes internists and other subspecialists within internal medicine, anesthesiologists, nurses, operating room technicians, social workers, physical therapists, and rehabilitation center coordinators and staff. Nowhere in the orthopedic literature is there a text that guides care for these complex patients from injury through recovery. This text is the first to do so by organizing and synthesizing a large body of literature. Its main themes include pre-operative, operative, and post-operative care of the patient who sustains a geriatric hip fracture. Its main objective is to organize the current body of literature into a cohesive whole so that the busy orthopedic surgeon does not have to undertake a literature search each time he or she wants an answer to the myriad questions that characterize a patient's injury, treatment, and recovery course. With regard to pedagogy, because orthopedic surgeons in training will utilize this book, and because the case study is the central pedagogical tool in the field of orthopedic surgery, this book includes case studies within each chapter, with the author's preferred treatment and decision-making rationale for each case. Selected video supplements reinforce real-world application of knowledge. Practicing orthopedic surgeons, as well as orthopedic residents and fellows in training, will find Geriatric Hip Fractures: A Practical Approach a highly useful and informative resource.

Authoritative, clinically oriented, and unique in the field,Computed Body Tomography with MRI Correlation, 5th Editionis your one-stop reference for current information on CT and MRI in all aspects of adult and pediatric congenital and acquired disorders. This comprehensive text uses an easy-to-navigate format to deliver complete, well-illustrated coverage of the most current CT and MRI techniques for thorax, abdomen, pelvis and musculoskeletal systems in both adult and pediatric populations. The fully revised 5th Edition is a complete reference for residents, fellows, and attending radiologists, as well as clinicians in other specialties who are interested in CT and MRI evaluation of both common and less common disorders encountered in daily practice.

Clinical Epidemiology of Orthopaedic Trauma

Acetabular Fractures in Older Patients

Trauma and Emergency Radiology, An Issue of Radiologic Clinics of North America

From Primary to Complex

Diagnosis and Management

Completely updated for its Second Edition, this acclaimed Master Techniques in Orthopaedic Surgery volume presents the most advanced, successful surgical techniques for fractures of the upper extremity, lower extremity, pelvis, and acetabulum. The world's foremost surgeons, step-by-step detail, explain the indications and contraindications, identify pitfalls and potential complications, and offer pearls and tips for improving results. The book is thoroughly illustrated with full-color, sequential, surgeon's-eye view intraoperative photographs, as well as drawing. This new edition includes nine new chapters: Clavicle Fractures: ORIF Femoral Neck Fractures: Arthroplasty Intertrochanteric Hip Fractures: IM Hip Screw Hip Arthroplasty for Intertrochanteric Hip Fractures Femoral Shaft Fractures: Retrograde Nailing Supracondylar Femur Fractures: ORIF Femoral Shaft Fractures: Locked Plating Tibial Shaft Fractures: Spatial Frame Periprosthetic Femur Fractures Seventeen chapters have been rewritten by new contributing authors.

Step by step guide to hip arthroplasty for orthopaedic surgeons, covering every surgical approach for total hip replacement, from basic procedures to complex techniques. Written by recognised California-based expert Ran Schwarzkopf.

Representing the vanguard in the field with practical case studies, authoritative recommendations, and a collection of best practices in operative and non-operative treatment, this reference offers step-by-step guidance in the correction and care of fractures affecting the acetabulum and postoperative planning

In its thoroughly revised, updated Seventh Edition, Rockwood and Green's Fractures in Adults offers a complete print and multimedia package: the established "gold-standard" two-volume reference on fractures and access to an integrated content website. More than 80 of the world's foremost authorities provide comprehensive coverage of all bone and joint injuries, thoroughly discuss alternative methods for treating each injury, and present their own preferred methods. This edition has 33 new contributors and new chapters on principles of nerve injury and complex regional pain syndrome; psychological aspects of trauma; gunshot and wartime injuries; principles of mangled extremity management; amputations; limb salvage reconstruction; principles of post-traumatic infections; principles of nonunions; and principles of malunions. A companion website contains the fully searchable text, an image bank, and a multimedia package.

Indications and Current Techniques

Arthroplasty for the Treatment of Fractures in the Older Patient

Computed Body Tomography with MRI Correlation

Pelvic Ring Fractures

Essentials in Hip and Ankle

Musculoskeletal Imaging Volume 1 provides a comprehensive review of the subject matter commonly encountered by practicing radiologists and radiology residents in training. This volume includes succinct overviews of trauma, arthritis, and tumor and tumor-like conditions. Part of the Rotations in Radiology series, this book offers a guided approach to imaging diagnosis with examples of all imaging modalities complimented by the basics of interpretation and technique and the nuances necessary to arrive at the best diagnosis. Each pathology is covered with a targeted discussion that reviews the definition, clinical features, anatomy and physiology, imaging techniques, differential diagnosis, clinical issues, key points, and further reading. This organization is ideal for trainees' use during specific rotations, for exam review, or as a quick refresher for the established musculoskeletal imager. It is a must-read for residents and practicing radiologists seeking a foundation for the essential knowledge base in musculoskeletal imaging. Musculoskeletal Imaging Volume 2 reviews metabolic, infectious, and congenital diseases; internal derangement of joints; and arthrography, and ultrasound.

Dr. James Wright, Associate Editor for the Journal of Bone and Joint Surgery, presents this landmark publication and novel approach to orthopaedic problems and solutions. This new, evidence-based reference examines clinical options and discusses relevant research evidence to provide you with expert recommendations for best practice. The consistent chapter format and featured summary tables provide "at-a-glance" access to the evidence-based literature and clinical options. Leading authorities contribute their expertise so you can apply the most effective clinical solutions to the persistent questions you encounter in your practice. You can even access the fully searchable and regularly updated text online! The result is an outstanding resource in clinical orthopaedics, as well as a valuable framework for translating evidence into practice. Features the completely searchable text online via www.expertconsult.com with periodic updates to available evidence, alerting you to changing evidence and guidelines. Covers common and controversial clinical problems that address the full range of "nagging" questions in your practice-such as the best treatment for displaced fractures of the distal radius or which DVT prophylaxis to use in joint replacement surgery. Provides a consistent chapter format that presents clinical questions with evidence-based graded recommendations for each treatment to help you make the best-informed decisions. Includes abundant summary tables that synthesize available literature and recommended clinical approaches for information "at a glance." Your purchase entitles you to access the website until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. If the next edition is published less than one year after your purchase, you will be entitled to online access for one year from your date of purchase. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should online access be discontinued.

In the first edition, published in 1976, Professor BOMBELLI demonstrated a clear alternative to total hip replacement that is also useful in cases of advanced osteoarthritis. Since then the number of osteotomies perfor med has reached 2500, which together with the longer follow-up of the original cases means that the author has significantly more experience with his new techniques. He has refined his previous concepts of the pathogenesis and treatment of osteoarthritis, and with the benefit of his experience has further clarif ied the indications and contra-indications of valgus-extension and varus osteotomy. Valgus-extension osteotomy has been proven to be particu larly effective in cases with well-formed osteophytes and elliptical femoral heads. On the other hand, the indication for varus osteotomy has mostly been restricted to cases in which the femoral head is spherical. The role of CHIARI and SALTER pelvic osteotomies in those cases in which the coverage of the femoral head is insufficient is not neglected. Osteotomy is capable of complementing and accelerating the healing process, particularly in young patients in whom hip function is still well preserved and in whom there is early radiological evidence of sponta neous, osteophyte-dependent repair. Whenever feasible, pre-existing or anticipated leg length inequalities are adjusted intra-operatively, but when this is technically impossible a postoperative lift may be required.

Treatment strategies for fractures of the pelvis and acetabulum have improved dramatically over the years. In this text, you'll find valuable information for successfully managing these conditions from an experienced master surgeon who shares his extensive knowledge of the field. The book uses hundreds of illustrations, plates, and legends to demonstrate important concepts and surgical procedures. The book leads you through the entire management process, beginning with the necessary anatomic background and then proceeding to diagnosis and surgery for a wide range of conditions. It's filled with valuable information on fracture types, proper instrumentation, imaging studies, complication avoidance, and more. Special features include: Valuable advice from a renowned expert on treating fractures of the pelvis and acetabulum Full coverage of the entire management process -- anatomy, diagnosis, classification, decision making, and results Each chapter begins with a helpful abstract providing a quick reference to essential information Abundantly illustrated to depict the surgical techniques and enhance the learning process Instructions on how to perform even the most complex procedures For all orthopedists who treat fractures of the pelvis and acetabulum, this book is an essential professional resource. It is a remarkable graphic and pictorial atlas that belongs on the bookshelf of every specialist!

Geriatric Hip Fractures

Fractures of the Hip

Complex Fractures of the Limbs

Musculoskeletal Imaging: The Essentials

Need the go-to reference on adult bone and joint injuries? Get the definitive guide on fracture treatment, written by the world's top orthopaedic surgeons: Rockwood and Green's Fractures in Adults. This fully updated and expanded 8th edition offers up-to-the-minute research and recommendations from more than 80 leading orthopaedic experts from around the world. An essential resource on fractures for every orthopaedic surgeon or resident.. Features: NEW chapters on: Management of the Geriatric or Elderly Patient; Management of Bone Defects;; Psychological Aspect of Trauma NEW authors from countries including India, China, Columbia, Greece, and Denmark NEW 10 new full length videos added to the video library. All videos feature easy navigation so you can go directly to specific steps in the procedure, or watch the entire procedure from start to finish Pearls and Pitfalls and preventive measures listed for all procedures NEW Time-saving outline template for easy quick-reference "Before the Case" checklists of all necessary equipment for each surgical procedure Preferred Technique section provides algorithms explaining each author's choice of preferred procedure Full-color operative photos, tables, x-rays, diagrams, and more than 500 line drawings of surgical procedures

The first resource of its kind to address minimally invasive procedures in orthopaedic trauma surgery, this essential reference details a range of emerging techniques designed to reduce patient recovery and rehabilitation time. Stepwise coverage addresses the latest approaches, including indirect fracture reduction and fixation, leading to less tissue and vascular damage and more complete recovery. Twenty chapters, each devoted to a single procedure, highlight relevant anatomy, tools, and techniques in a straightforward style applicable directly to practice. Authoritative perspectives from leaders in the field assure readers of current, accurate information. Detailed step-by-step guidance takes readers through each procedure to help build understanding and minimize error.

Detailed line drawings highlight underlying anatomy to help optimize results.

This monograph is intended to serve as a guide to all levels orthopaedic surgeons involved in the care of patients with injury to the pelvic ring, acetabulum, or both. The text is structured into four chapters: topics that are common to both evaluation and treatment of pelvic ring and acetabular fractures, information specific to classification, treatment, and outcomes of pelvic ring injuries, information specific to classification, treatment and outcomes of fractures of the acetabulum, andpostoperative management and management of complications.

Each chapter of this book covers physical examination, imaging, differential diagnoses, and treatment. For each diagnosis, the book sets out the typical presentation, options for non-operative and operative management, and expected outcomes. Each chapter is concise enough to be read easily. Users can read the text from cover to cover to gain a general foundation of knowledge. Practical and user-friendly, Essentials in Hip and Ankle is the ideal, on-the-spot resource for medical students and practitioners seeking fast facts on diagnosis and management. Its format makes it a perfect quick-reference, and its content breadth covers commonly encountered orthopedic problems in practice.

Handbook of Fractures

Fractures

Complex Primary Total Hip Replacement

Post-Traumatic Arthritis

Musculoskeletal Imaging

This issue, focusing on Osteoporosis and Fragility Fractures, will open with a general overview of fragility fractures, common treatments, and costs involved. The issue then focuses on a variety of different topics, like new therapies, atypical and extraordinarily complex fractures, and an update on treatment protocols. Because of the very nature of fragility fractures, much of the content is focused on the geriatric patient, though not all.

Acetabular fractures in older adults are increasing in frequency and present unique challenges to the surgeons charged with their treatment. This text provides the clinician tools for deciding who is an operative candidate and reviews in detail the various surgical treatments available for management. Opening chapters discuss the scope of the problem, the functional status of older patients and the risks involved with any surgical approach. After a chapter discussing non-operative approaches to acetabular fractures, the remaining chapters present the various surgical techniques and include a critical assessment of the outcomes of these treatment choices. ORIF techniques for posterior and anterior wall and column fractures are followed by percutaneous treatment and total hip arthroplasty, both alone and in combination with ORIF. Presenting the most current strategies for these increasingly common injuries, Acetabular Fractures in Older Patients is an excellent resource for all orthopedic and trauma surgeons.

Bringing together the most up-to-date research on post-traumatic arthritis (PTA) and its management, this book is a comprehensive presentation of the current thinking on all aspects of the mechanisms of joint injury and subsequent development of PTA. Divided into thematic sections, it includes discussions of the incidence and burden of PTA, both in society at large and in the military population specifically; the relevant experimental work on PTA, from basic science to animal models; peri-articular tissue responses to of joint injury and potential mechanisms of PTA; the current clinical assessment and treatment of common joint injuries leading to PTA; and emerging technologies and treatments for PTA, including biomarkers and stem cell therapies. Taken together, it will be an invaluable resource for orthopedic surgeons, rheumatologists and other joint injury researchers and clinicians.

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.

The Best Answers to Clinical Questions

Trauma 2

Clinical Epidemiology of Orthopedic Trauma

Osteoporosis and Fragility Fractures, An Issue of Orthopedic Clinics,

Fractures of the Acetabulum

For nearly 40 years, Surgical Exposures in Orthopaedics: The Anatomic Approach has helped orthopaedic surgeons enhance their anatomic knowledge, increase safety, and improve patient outcomes. The fully revised sixth edition carries on the legacy of Dr. Stanley Hoppenfeld (1934-2020), whose ideas have influenced orthopaedic surgical care worldwide. Coauthored by Piet de Boer and Dr. Richard Buckley, this bestselling reference provides a clear view of orthopaedic anatomy from the surgeon's perspective using easy-to-follow descriptions and hundreds of superb full-color illustrations.

It has been a pleasure to comply with requests to publish this book in English. During the intervening years, there has been little to add to our views as to the best management of acetabular fractures, but an additional chapter has been incorporated comprising recent findings in our patients and slight changes in emphasis on the indications for operations. Additionally, having recognised that one of the greatest difficulties in this method of treatment lies in the pre-operative assessment of the standard radiographs, we have prepared a short series of radiographs which the reader may find advantageous for study. We are grateful to Mr. Reginald Eison who has translated and revised the French edition. Considerable alteration of the text and the general presentation was necessary in order to make the material palatable in English. Our thanks are due to our new publishers, Springer-Verlag, for their keen interest and skill. E. LETOURNEL R. JUDET Preface to the French Edition It is a long time since we first attempted surgical treatment of fractures of the acetabulum accompanied by displacement, with the aim of restoring perfect articulation. Such treatment demands an exact reconstitution of the anatomy of the acetabulum and pelvic bone. This volume comprises an account of our efforts to assess the place of open reduction and internal fixation of displaced fractures of the acetabulum. The principal aim is simple: the perfect restoration of the articular surface and the associated bony architecture.

"This is a quick reference guide for the prevention and treatment of common fracture complications, including the etiology of the complications, factors the surgeon can control in the operating room, and how to treat complications that arise"--Provided by publisher.

Offers a well-designed approach to imaging musculoskeletaltrauma Medical imaging plays an important role in identifying fracturesand helping the patient return to regular activities as soon aspossible. But in order to identify the fracture, and describe allthe relevant associated injuries, the radiologist first needs tounderstand normal anatomy and the mechanisms of fractures.Imaging Musculoskeletal Trauma reviews common fracture anddislocation mechanisms and provides up-to-date guidelines on theuse and interpretation of imaging tests. Designed for use by professionals in radiology, orthopedics,emergency medicine, and sports medicine, this book offers aconcise, systematic approach to imaging musculoskeletal trauma.Replete with easily accessible information, including well-designedtables and lists, the book features radiology report checklists foreach anatomic site, numerous radiographs and CT and MRI images,simple illustrations for common fracture classification schemes,examples of common and serious injuries in the musculoskeletalsystem, and a chapter devoted to fracturecomplications—including complications relating to the use ofhardware in treating injuries. This well-designed guide teaches professional and student usersto: Identify normal anatomy relevant to interpretation inmusculoskeletal studies Describe common fracture and dislocation mechanisms Describe fractures using appropriate terminology Recommend appropriate imaging studies for various clinicalsituations Use a systematic approach to interpret imaging studies Provide a clear and relevant radiology report Recognize complications associated with fractures and fracturetreatment Complete with on-call issues, common traumas, and speciallyhighlighted "do-not-miss" fractures, this is an invaluable resourcefor everyone involved with the imaging of musculoskeletaltrauma.

Interpretation and Reporting

A Practical Approach

Assessment and Management

Rockwood and Green's Fractures in Adults

Emergency Radiology

Emergency Radiology presents a comprehensive review of emergency pathologies commonly encountered by practicing radiologists and residents in training. The first five sections are organized by organ system and include Head, Neck, Face, and Spine, Chest, Abdominal, Pelvic, and Bone emergencies, followed by chapters on Pediatric and Nuclear Medicine emergencies and special topics in emergency imaging. Part of the Rotations in Radiology series, this book offers a guided approach to imaging diagnosis with examples of all imaging modalities complimented by the basics of interpretation and technique and the nuances necessary to arrive at the best diagnosis. Each pathology is covered with a targeted discussion that reviews the definition, clinical features, anatomy and physiology, imaging techniques, differential diagnosis, clinical issues, key points, and further reading. This organization is ideal for trainees' use during specific rotations and for exam review, or as a quick refresher for the established emergency imager.

A complete digest of important research and developments for treating adult orthopaedic trauma, including controversial issues.

Focusing exclusively on the older patient with poor bone quality, this unique book presents the indications, contraindications and common techniques – as well as the risks, benefits and outcomes – for utilizing arthroplasty for the treatment of fractures in this population, sensibly divided into four thematic sections. The incidence and burden of fragility fractures is presented in part one, with considerations of the influences of osteoporosis on both treatment and healing. The subsequent three sections cover upper extremity fractures, lower extremity fractures, and peri-articular nonunions, respectively. However, far from providing a simple “how-to” for the techniques discussed, the relevant current literature is presented as well as the common techniques employed in fracture management, allowing the reader to select the best approach for the specific patient presentation. In addition, chapters are included here that cover degenerative joint conditions not typically treated with total joint replacement. The treatment of fragility fractures is constantly evolving, and the aging population is consistently expanding, creating a strong need for clinicians who have experience with and exposure to the use of arthroplasty techniques as an option in their successful treatment. Written and edited by leaders in the field, Arthroplasty for the Treatment of Fractures in the Older Patient is an invaluable resource for orthopedic surgeons, residents and support staff who see and treat these increasingly common injuries.

This book provides up-to-date guidance on the diagnosis and treatment of the most important complex fractures of the limbs, including fractures of the proximal and distal humerus, fractures and dislocations of the elbow, fractures of the distal radius, pelvis, acetabulum, distal femur, proximal tibia, tibial pilon, calcaneus and osteoporotic knee fractures. The most complex articular fractures are analyzed, soft tissue coverage is reviewed, and the management of open fractures and nonunions is described and illustrated. Other chapters consider damage control management and immediate bone fixation in the polytrauma patient, skeletal reconstruction and rehabilitation of complex fractures of the limbs. The book offers guidance to orthopaedic surgeons on which treatment options afford the best preservation of fully functional joints around the fractured bone. With this goal in mind, the authors have developed strategies that can restore full articular function of the limbs in both the short and the long term. Complex Fractures of the Limbs will be an invaluable aid to orthopaedic surgeons in treating patients with this very common and important clinical problem.

Evidence-Based Orthopaedics E-Book

Osteoarthritis of the Hip

Trauma, Arthritis, and Tumor and Tumor-Like Conditions

Surgical Exposures in Orthopaedics: The Anatomic Approach

Two Volumes Plus Integrated Content Website (Rockwood, Green, and Wilkins' Fractures)

One of the most extensive fracture classification studies ever compiled, Clinical Epidemiology of Orthopedic Trauma comprehensively explores the distribution of fracture patterns in clinical practice. It is based on an in-depth review of more than 65,000 fractures in 60,000 patients at a leading international trauma center, with each fracture classified according to the widely accepted AO/OTA system for immediate recognition and analysis. Not only will readers get a full statistical overview of fracture location, segment, and type, but they will also learn key demographic data such as age, gender, incidence rate, and more. Special Features: More than 2,000 anatomic diagrams, illustrations, and x-rays that clearly demonstrate how the AO/OTA fracture classification and coding system works, with important implications for treatment choices Easy-to-follow, standardized chapters that cover accepted classifications and nomenclature, anatomy, mechanisms of injury, epidemiological features, and tips on diagnosis and treatment for each bone and segment Multi-colored pie charts and bar graphs that make statistical information accessible and user-friendly Numerous case examples reflecting the authors depth and breadth of experience In addition to being a core reference for orthopedic surgeons, Clinical Epidemiology of Orthopedic Trauma is an indispensable reference for academic researchers; medical schools, libraries, and hospitals; and clinicians reviewing data for analysis or publication. It offers a wealth of information that will impact treatment planning, future allocation of resources in trauma care, and initiatives in preventive medicine.

This practical handbook covers the diagnosis and management of fractures in adults and children. Each chapter is organized as follows: Epidemiology, Anatomy, Mechanism of Injury, Clinical Evaluation, Radiologic Evaluation, Classification, treatment, Complications. Section 1 also covers Multiple Trauma, Gunshot Wounds, pathologic and periprosthetic fractures, and orthopedic analgesia. The new edition will be in full color and will include a new chapter on the basic science of fracture healing, as well as a new section on intraoperative Imaging. Features: Bulleted format allows quick access and easy reading Consistent format for targeted reading Covers adult and pediatric fractures Covers fractures in all anatomic areas Heavily illustrated PortableIn Full color New chapter: Basic Science of Fracture Healing New Section: Intraoperative Imaging

Unique resource provides foundation for worldwide prevention, diagnosis, and treatment of orthopaedic fractures Clinical Epidemiology of Orthopaedic Trauma, Third Edition by renowned orthopaedic surgeon and researcher Yingze Zhang and an impressive cadre of contributors expands on the widely acclaimed prior editions. Leveraging an epidemiological database with the distinction of being the largest domestic and foreign sample volume of orthopaedic trauma, this remarkable book expands on the epidemiology of fractures in China, with national incidence rates new to this edition. It offers a wealth of information that will impact treatment planning, future allocation of resources in trauma care, and initiatives in preventive medicine, worldwide.

Comprehensive in scope, the new edition provides unparalleled insights into the current state of Chinese orthopaedic surgery. The book features evaluation of every fracture seen and treated at a major international trauma center—complete with AO/OTA classification and a full spectrum of fracture demographics. The text covers new theories and technologies, with concise up-to-date summaries about diagnosis and treatment of fractures of each bone. Epidemiological fracture characteristics are presented intuitively and concisely via succinct and easy-to-understand language enhanced with ample illustrations. Key Highlights Reflects a huge sample size of 414,935 patients (431,822 fractures) from 83 hospitals, as well as 390,133 patients (424,645) fractures in Taiwan province Estimated incidence rates for traumatic fractures in the overall population and subgroups—by age, gender, ethnic origin, occupation, geographical region, and residency Fracture classification text supplemented with reader-friendly color schematic diagrams, pie charts, curve graphs, and histograms enhances knowledge retention X-rays, MRIs, and CT images fully illustrate the characteristics of injuries, including complex fractures This practical and generously illustrated textbook is an essential reference for orthopaedic residents and surgeons. It is also an indispensable resource for academic researchers, medical schools, libraries, and hospitals.

This exhaustive reference includes new chapters and pedagogical features, as well as—for the first time—content on managing fragility factures. To facilitate fast, easy absorption of the material, this edition has been streamlined and now includes more tables, charts, and treatment algorithms than ever before. Experts in their field share their experiences and offer insights and guidance on the latest technical developments for common orthopaedic procedures, including their preferred treatment options.

Musculoskeletal Imaging 2 Vol Set

Fractures of the Pelvis and Acetabulum

Pathogenesis, Diagnosis and Management

Fractures of the Pelvis and Acetabulum: Pelvis

Imaging Musculoskeletal Trauma

Dr. James Wright, Associate Editor for the Journal of Bone and Joint Surgery, presents this landmark publication and novel approach to orthopaedic problems and solutions. This new, evidence-based reference examines clinical options and discusses relevant research evidence to provide you with expert recommendations for best practice. The consistent chapter format and featured summary tables provide “at-a-glance access to the evidence-based literature and clinical options. Leading authorities contribute their expertise so you can apply the most effective clinical solutions to the persistent questions you encounter in your practice. The result is an outstanding resource in clinical orthopaedics, as well as a valuable framework for translating evidence into practice. Covers common and controversial clinical problems that address the full range of “nagging questions in your practice—such as the best treatment for displaced fractures of the distal radius or which DVT prophylaxis to use in joint replacement surgery. Provides a consistent chapter format that presents clinical questions with evidence-based graded recommendations for each treatment to help you make the best-informed decisions. Includes abundant summary tables that synthesize available literature and recommended clinical approaches for information “at a glance.

Prevention and Management of Common Fracture Complications

Minimally Invasive Orthopaedic Trauma

Modern Techniques in Total Hip Arthroplasty