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The Best Answers to Clinical Questions

This book provides a refined clinical guide for evidence-based recommendations in paediatric orthopaedics. Focusing on specific body regions (hip, knees, ankle and feet, spine, shoulder, elbow and wrist and hand) this resource addresses clinical questions related to conditions in these areas. A background section in each chapter sets the scene for the best available practice and also appraises the evidence for its strength and weakness. At the end of each chapter, the authors’ provide recommendations on future research. Evidence-Based Paediatric Orthopaedics: The Best Answers to Clinical Questions has been edited by a team of surgeons with a great interest in evidence-based practice [...]

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2017. X, 497 p. 154 illus., 78 illus. in color.
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ISBN 978-3-319-41140-8
Erscheinungstermin: October 14, 2016

Anatomie Shoulde Arthroplasty
Strategien für klinische Management

Opening with a discussion of the indications and preoperative evaluation of the arthritic shoulder and a review of the anatomy and biomechanics of the shoulder, this comprehensive clinical guide to anatomical shoulder arthroplasty then proceeds to describe the various types of prosthetics and management techniques used in this common surgical procedure. Humeral head resurfacing is described, along with stemmed and stemless replacements, followed by the anatomy and biomechanics of the glenoid using both stemmed and stemless replacements, followed by the anatomy and biomechanics of the glenoid using both standard and augmented replacement. Interposition shoulder arthroplasty, revision total shoulder arthroplasty, and hemiarthroplasty of the proximal humerus are likewise elaborated [...]

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Diagnosis and Management of Femoroacetabular Impingement
An Evidence-Based Approach

This book is unique in combining an exclusive focus on femoroacetabular impingement (FAI) with an evidence-based approach and the involvement of a diverse group of global experts. It is designed to meet the worldwide need for a summary of current evidence that will readily assist the physician in establishing the most accurate diagnosis and providing the best available treatment. The coverage is wide ranging, encompassing clinical examination, differential diagnosis, imaging, indications for surgery, contemporary arthroscopic and open management, treatment of labial tears, cartilage injury management, nonoperative management, rehabilitation, treatment of complications, and revision [...]

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ESSKA Instructional Course Lecture Book
Barcelona 2016

This book, comprising the Instructional Course Lectures delivered at the 17th ESSKA Congress in Barcelona in 2016, provides an excellent update on current scientific and clinical knowledge in the field
of Orthopaedics and Sports Traumatology. A variety of interesting and controversial topics relating to the shoulder, elbow, hip, knee, and foot are addressed, all of which are very relevant to the daily practice of orthopaedic surgeons. The coverage includes a number of open questions, such as: How should complications be handled during rotator cuff surgery? What errors may occur during anterior cruciate ligament surgery? How much attention must be paid to meniscal root tears? Do we[...]

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Hardcover
2016. XV, 239 p. 109 illus., 74 illus. in color.
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Gewöhnlich versandfertig in 3-5 Werktagen.

F. Castoldi, D.E. Bonasia (Eds.)

Fractures Around the Knee
This comprehensive book is more than a complete reference on knee fractures and associated injuries: it is also a decision-making and surgical guide that will assist trauma, knee, sports medicine, and total joint surgeons in planning and executing specific procedures for different traumatic conditions of the knee. Each chapter addresses a particular condition and its management, explaining the traumatic mechanism and preoperative workup and then describing in detail the surgical steps, from patient positioning to the postoperative regimen. Guidance is also provided on complications and their management, and to complete the coverage, results from the relevant literature are described.[...]

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K.C. Chung (Ed.)

Clinical Management of the Rheumatoid Hand, Wrist, and Elbow
This book provides comprehensive coverage of the management and related surgery of the rheumatoid hand, wrist, and elbow. It provides a much-needed, authoritative discussion of the epidemiology, surgical techniques, and outcomes of rheumatoid surgery. The book begins by introducing important background concepts, and then goes on to present up-to-date details on pre and postoperative management, indications, and treatment options. Each section ends with case-based coverage of common clinical scenarios and features numerous illustrations that showcase the sequential approach in managing this disease. Clinica[...]

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G. Di Giacomo, S. Bellachioma (Eds.)

Shoulder Surgery Rehabilitation
A Teamwork Approach
This book aims to equip physiotherapists rehabilitation specialists and orthopedics to provide the best possible care for patients who have undergone surgery
for a range of the more common shoulder pathologies, including fractures of the proximal third of the humerus, arthritis and prosthesis of glenohumeral joint, glenohumeral instability, rotator cuff lesions, other athletic injuries of the shoulder. It does so by presenting information on various aspects of the conditions and their surgical treatment and explaining clearly how these are directly relevant to rehabilitation. Among the topics covered are functional anatomy, imaging, treatment indications, surgical techniques and [...] More on www.springer.com/978-3-319-24854-7

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**Osteoporosis in Older Persons**
**Advances in Pathophysiology and Therapeutic Approaches**

This new edition includes the most up-to-date information about the pathophysiology and new therapeutic alternatives for osteoporosis of advanced age. It is written by investigators (clinicians and basic scientists) in the field of aging bone research. It was just recently that a new syndrome, osteoporosis of advanced age, was recognized as a new entity with its own pathophysiology and potential treatments. Unfortunately, and despite the fact that hip fractures are mostly a consequence of this process, and apart from the first edition of this book, there are few publications about this subject. The first edition of this book demonstrated that there is a need to understand the [...] More on www.springer.com/978-3-319-25974-1

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**Pediatric Femur Fractures**
**A Practical Guide to Evaluation and Management**

Bringing together the many considerations and complexities surrounding the management pediatric femur fractures, this up-to-date, comprehensive book discusses all aspects of these common but challenging injuries, where the treatment strategies are rapidly changing and which have the potential for complications and less than ideal outcomes. Because there may be multiple acceptable treatment approaches to a given fracture, we sought to review the full spectrum of therapeutic modalities. The entirety of the pediatric femur is considered, including femoral head and neck fractures, diaphyseal, physeal and epiphyseal fractures, and intra-articular fractures of the distal femur. Opening with [...] More on www.springer.com/978-1-4899-7984-1

**The Surgical Management of the Diabetic Foot and Ankle**

Offering up-to-date guidance to surgeons looking for the most current management for the care of Charcot arthropathy and related fractures of the foot and ankle in diabetic patients, this book discusses pathophysiology, recommendations for pre-surgical evaluations, and management strategies for diabetes and Charcot neuroarthropathy, along with demographics and epidemiology of diabetes. Conservative care, total contact casts and footwear are discussed, as well as the management of infections and osteomyelitis. Acute fractures and Charcot arthropathy for the forefoot, midfoot and ankle follow, including plate and axial fixation techniques, with authors’ preferred treatment strategies [...] More on www.springer.com/978-3-319-27621-2

**Rehabilitation in Orthopedic Surgery**

Orthopedic rehabilitation – See, Understand, Apply This practical guide tells you everything you need to know about interdisciplinary aftercare and rehabilitation following orthopedic operations in the area of the extremities and the spine: concise information about surgical procedures, medical aftercare
guidelines and physiotherapeutic treatment concepts for all stages of rehabilitation, based on the many years of interdisciplinary experience of physiotherapists and specialists in sports orthopedics.

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C. J. Stein, K.E. Ackerman, A. Stracciolini (Eds.)

The Young Female Athlete

Utilizing a multidisciplinary approach and drawing on the experience of experts in their respective fields, this unique book presents and discusses an array of topics relevant to the ever-growing population of pediatric, adolescent and young adult female athletes. Each topic is clearly defined and includes epidemiology, diagnosis, treatment and future directions. Opening chapters discuss growth and development, sports nutrition, resistance training, and psychological considerations for the young female athlete, with a chapter focusing on the female athlete triad. Later chapters present injuries and management strategies common to the young female athlete, such as overuse injuries, [..]

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ISBN 978-3-319-21631-7  
Gewöhnlich versandfertig in 3-5 Werktagen.

M. Karahan, J. Espregueira-Mendes, H.K. Akan (Eds.)

Motor Skills Training in Orthopedic Sports Medicine

This book aims to provide orthopedic surgeons with all the information that they will require in order to set up and run a motor skills course that will meet the needs of junior staff in Orthopedic Sports Medicine and help in training better surgeons for the future. The coverage is wide-ranging, from the fundamentals of what it takes to be a sports surgeon through to validation methods that measure teaching effectiveness and the certification of surgical skills at the end of the course. Clear guidance is provided on how to teach concepts of surgical skill and the strategy and practical details of designing a training program, with inclusion of a helpful checklist of do’s and don’ts.[..]

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Erscheinstermin: October 23, 2016

D. Kendoff, R. Morgan-Jones, F.S. Haddad (Eds.)

Periprosthetic Joint Infections: Changing Paradigms

This book provides a state-of-the-art, worldwide overview of treatment options available for periprosthetic joint infection (PJI). It highlights areas where tremendous progress has been made over the past few years, looking at current evidence, projecting a way forward, and discussing key topics where ongoing research is needed and could potentially have a huge impact on the field. In addition to familiarising readers with effective diagnostics and treatment strategies, factors such as socioeconomics and associated morbidity are also examined in relation to this increasingly common condition. Periprosthetic Joint Infections: Changing Paradigms includes expert guidance based on the[..]

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J.N. Lawton (Ed.)

Distal Radius Fractures: A Clinical Casebook

Based exclusively upon clinical cases covering fractures of the distal radius, this concise, practical casebook will provide orthopedic surgeons and sports medicine specialists with the best real-world strategies to properly manage the multifaceted surgical techniques for management of the distal radius and distal radial ulnar joint (DRUJ). Each chapter begins with a case that opens with a unique clinical presentation, followed by a description of the diagnosis, assessment and management techniques used to treat it, as well as the case outcome and clinical pearls and pitfalls. Cases illustrated include the various uses of the volar locking plate for metaphyseal and[..]

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D.M. Lichtman, G.I. Bain (Eds.)

Kienböck’s Disease: Advances in Diagnosis and Treatment

Collecting and synthesizing all of the most recent literature on Kienböck’s disease from around the world, this comprehensive text aims to provide a
more dynamic, nuanced treatment algorithm for this enigmatic condition. Part I consolidates the basic science on Kienböck’s and the lunate, including anatomy, pathology, biomechanics and etiology. Clinical assessment is covered in part II, including radiology, advanced imaging and arthroscopy. The natural history and progression of the condition in children, adults and the elderly is also presented. By far the largest section, part III describes the roles and methods of the various management strategies for Kienböck’s, from minimally [...] More on www.springer.com/978-3-319-34224-5

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Erscheinungstermin: September 9, 2016

Platelet Rich Plasma in Musculoskeletal Practice

This book provides an introductory overview of advancements in platelet-rich plasma (PRP), focusing on current technologies and methods, new challenges and controversies, and avenues for further research. With many studies demonstrating a role for PRP in improving response to injury, this book aims to facilitate the application of this rapidly growing treatment option for trauma patients. Platelet Rich Plasma in Musculoskeletal Practice is a highly informative and carefully presented book, providing scientific and clinical insight for specialists who utilize PRP in daily practice, and for readers who are seeking to learn more about this effective injury treatment.

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Erscheinungstermin: September 7, 2016

Endurance Sports Medicine

A Clinical Guide

Providing comprehensive discussion of this newly developing branch of sports medicine, this unique and up-to-date book focuses specifically on the treatment of athletes who train for and participate in endurance sporting events, including not only traditional endurance athletes such as runners, swimmers, bikers and triathletes, but also rowers, adventure racers, military personnel, and cross-fit athletes. Detailing strategies for not only treating and preventing injuries and conditions but also for optimizing an athlete’s performance, it is divided into three thematic sections. The first section covers common medical conditions faced by the endurance athlete, including cardiovascular [...] More on www.springer.com/978-3-319-32980-2

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Dupuytren’s Contracture

A Clinical Casebook

Comprised exclusively of clinical cases involving Dupuytren’s contracture, this concise, practical casebook will provide clinicians in orthopedics and hand surgery with the best real-world strategies to properly diagnose and treat this recurrent disease of the fascia. Each chapter is a case that opens with a unique clinical presentation, followed by a description of the diagnosis, assessment and management techniques used to treat it, as well as the case outcome and clinical pearls and pitfalls. Initial chapters discuss non-operative treatments ranging from orthosis/tissue mobilization, corticosteroid injections, needle aponeurotomy and collagenase injections. Various surgical [...] More on www.springer.com/978-3-319-41807-0

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A.J. Sawyer, E.B. Fung, L.K. Bachrach (Eds.)

Orthopedic and Trauma Findings

This book is a practical, step-by-step guide to orthopedic examination and diagnosis. The author explains a systematic classification of clinical findings that has proven very useful in diagnosing orthopedic disorders in daily routine. The approach to examination begins with a checklist covering the complete patient history, including subjective descriptions of complaints. This is followed by a stepwise approach to physical examination of the patient and collection of clinical findings. Photographs and illustrations clearly depict the necessary examination techniques. The main symptoms are then determined from the patient history and clinical findings, leading to a diagnosis. An [...] More on www.springer.com/978-3-662-53146-4

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A. Roth

Bone Health Assessment in Pediatrics: Guidelines for Clinical Practice, 2nd edition

Guidelines for Clinical Practice

The gold-standard resource for evaluating bone health in children and adolescents, this practical and highly anticipated second edition offers a comprehensive, fully updated resource for addressing bone health in these populations. Developed by a renowned international panel of experts in measuring and analyzing bone density in the pediatric patient and reflecting the 2013 International Society for Clinical Densitometry (ISCD) Guidelines for Pediatric DXA assessment, interpretation and reporting, this indispensable reference covers all the important changes in the field over the last 9 years. Some high-step comprehensive guide to successfully performing shoulder surgery, and other related procedures. Abundant diagnostic and treatment approaches including arthroscopy are provided, and are intended to assist beginning and experienced orthopedic surgeons to further develop their skills and facilitate the management of patients with both acute and chronic shoulder injuries. The book provides full-color photos and diagrams to clearly demonstrate operative techniques and tools for surgery. Edited and written by pioneering [...] More on www.springer.com/978-4-431-55986-3

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Erscheinungstermin: August 24, 2016

Forthcoming
J.D. Visser

Pediatric Orthopedics

Symptoms, Differential Diagnosis, Supplementary Assessment and Treatment

This book presents the most common site-specific pediatric orthopedic problems seen in clinical practice. Detailed discussions of disorders of the chest wall, neck, back, pelvic, upper- and lower limb, leg length discrepancy, abnormal gait, congenital deficiencies, bone and joint infections are included in this comprehensive resource. Operative treatments are discussed throughout the book with the key focus on managing the patient and the use of the conservative approach. As such, the main benefit of this book is as a diagnostic tool to assess children with orthopedic disease. Designed to lead the reader from the initial physical examination through to making the most likely [...] More on www.springer.com/978-3-319-40176-8

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Erscheinungstermin: September 6, 2016

K. Tamai, E. Itoi, K. Takagishi (Eds.)

Advances in Shoulder Surgery

With critical insights into anatomy and the latest science and research underlying pathogenesis, this book serves as a practical and richly illustrated step-by-