

pediatrics orthopaedic surgery essentials series

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Explore the essential elements of pediatric orthopedic surgery with this comprehensive series. Gain a foundational understanding of common conditions, surgical techniques, and management strategies specific to musculoskeletal health in children and adolescents. This series provides valuable insights for students, residents, and practicing orthopedic surgeons looking to enhance their knowledge in the field of pediatric orthopedics.

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Pediatrics

This is the first volume of our Orthopaedic Surgery Essentials Series, designed for orthopaedic surgery residents' rotations and for general orthopaedists and primary care practitioners. The book presents the essential information needed to evaluate and initiate treatment on a child's orthopaedic problem. It can be easily read cover to cover during a one- or two-month rotation or used for quick reference immediately before evaluating a patient. The user-friendly format features ample visual aids, including treatment algorithms, bulleted lists, charts, tables, and illustrations. The table of c.

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Practice of Pediatric Orthopedics

Designed for general orthopedists, residents, pediatricians, physical therapists, and students, Practice of Pediatric Orthopedics, Second Edition is a practical, authoritative, generously illustrated, full-color how-to guide to the essentials of pediatric orthopedics. Dr. Staheli provides current, clinically proven, mainstream, whole child oriented management recommendations for musculoskeletal problems in children. The book features over 2,300 full-color photographs and drawings and numerous flowcharts to guide patient management. For this updated and expanded Second Edition, Dr. Staheli has recruited

eight distinguished co-authors to contribute new information. Illustrations have been updated and many new illustrations have been added. The upper limb and hand chapters have been separated and expanded.

Fundamentals of Pediatric Orthopedics

Ideal for anyone involved in the care of children with musculoskeletal problems, this best-selling resource has been completely updated to be even more relevant to your everyday practice. Comprehensive and user-friendly, it covers the diagnosis and management of pediatric orthopedic issues with an emphasis on the welfare of the whole child. More than 1,700 color illustrations make it easy to visualize everything from normal variations to treatment plans to potential pitfalls, for virtually any pediatric orthopedic challenge you may encounter. Features: Thoroughly up-to-date and evidence-based, including expanded material on sports medicine. Lavishly illustrated with over 1,700 color drawings and photographs – a uniquely visual approach you'll appreciate for rapid reference and quick understanding. Parent education guides make it easy to provide important information to caregivers and increase compliance. Comprehensive coverage includes growth, evaluation, management, trauma, sports, infections, and tumors, as well as each anatomical area: lower limb, foot, knee, hip, spine, and upper limb. Designed to meet the everyday needs of health care practitioners who are involved with pediatric musculoskeletal problems, including primary care physicians, pediatricians, and orthopedists.

Operative Techniques in Pediatric Orthopaedic Surgery

Derived from Sam W. Wiesel and Todd J. Albert's four-volume *Operative Techniques in Orthopaedic Surgery*, this single-volume resource contains a comprehensive, authoritative review of operative techniques in pediatric orthopaedic surgery. In one convenient place, you'll find the entire Pediatrics section, as well as relevant chapters from the Adult Reconstruction; Foot and Ankle; Hand, Wrist, and Forearm; Oncology; Pelvis and Lower Extremity Trauma; Shoulder and Elbow; Spine; and Sports Medicine sections of *Operative Techniques in Orthopaedic Surgery*. Superb full-color illustrations and step-by-step explanations help you master surgical techniques, select the best procedure, avoid complications, and anticipate outcomes. Written by global experts from leading institutions, *Operative Techniques in Pediatric Orthopaedic Surgery, Third Edition*, clearly demonstrates how to perform the techniques, making this an essential daily resource for residents, fellows, and practitioners.

Practice of Paediatric Orthopaedics

Master the fundamentals of pediatric orthopedic surgery! *Practice of Paediatric Orthopedics, Third Edition* focuses on the essential concepts, conditions, and treatments in this subspecialty, providing the practical knowledge needed by residents and general orthopedic surgeons as well as other healthcare practitioners who treat children with musculoskeletal problems.

The Pediatric and Adolescent Hip

This book provides an evidence-based approach to treating the increasing number of children and adolescents presenting with hip disorders. It integrates the most up-to-date data with essential knowledge, gleaned from decades of previous research and practice. Each chapter provides a comprehensive text which integrates relevant pathophysiology, clinical assessment, and imaging, with an evidence-based approach to non-operative and operative management, authored by globally recognized experts in the field of pediatric hip surgery. Detailed surgical techniques, illustrated with original medical drawings and accompanied by their respective indications, anticipated outcomes, and potential complications, are also featured, in this first orthopedic text dedicated solely to the pediatric and adolescent hip. *The Paediatric and Adolescent Hip: Essentials and Evidence* will be an indispensable resource for wide spectrum of audience including paediatric orthopaedic surgeons, general practitioners, general orthopaedic surgeons, trauma surgeons, orthopaedic residents, emergency department doctors, and physiotherapists seeking a clear and consistent evidence-based guide to treating the paediatric hip.

Atlas of Pediatric Orthopaedic Surgery

This atlas is the perfect companion to Lovell and Winter's *Pediatric Orthopaedics, Sixth Edition*. Featuring more than 1,200 illustrations, the atlas depicts 123 common procedures in pediatric orthopaedic surgery in step-by-step detail. The outstanding drawings are accompanied by brief, clear text descriptions filled with clinical tips and pearls. The illustrations are often paired with radiographs

showing intraoperative progress or desired results. The level of detail in the illustrations simulates the actual operative field. This revised and updated Fourth Edition reflects the most advanced techniques. Fifteen new procedures have been added, and the section on the spine has been completely reworked.

Master Techniques in Orthopaedic Surgery: Pediatrics

Master the pediatric orthopaedic techniques preferred by today's expert surgeons! This 2nd Edition remains your go-to resource for the most advanced and effective surgical techniques for treating fractures, congenital conditions, and other orthopaedic problems in children and adolescents. More than 1,000 high-quality photographs and drawings guide you step by step through each procedure, and personal pearls from master surgeons provide operative tips that foster optimal care and outcomes. Twelve new chapters bring you completely up to date with what's new in the field.

Atlas of Pediatric Orthopedic Surgery

Pediatric Orthopaedic Surgery—a title in the Operative Techniques series—offers you the step-by-step guidance you need—on femoral lengthening, sofield procedure, distal radius fracture, and more—from experts Mininder Kocher and Michael B. Millis. Perform all of the latest and best techniques in this specialty thanks to a large full-color intraoperative photos, diagrammable illustrations, and a dedicated website. Access the fully searchable text online at www.operativetechniques.com, along with surgical videos and reference links. Refine the quality of your technique and learn the expert's approach to getting the best results thanks to pearls and pitfalls and an emphasis on optimizing outcomes. Master every procedure with step-by-step instructions on positioning, exposures, instrumentation, and implants. Provide comprehensive care for your patients through discussions of post-operative care and expected outcomes, including potential complications and brief notes on controversies and supporting evidence. See every detail with clarity using color photos and illustrations that highlight key anatomies and diagrams that present cases as they appear in real life.

Operative Techniques: Pediatric Orthopaedic Surgery E-BOOK

Filled with pearls and wisdom from experts in the field, *Staying Out of Trouble in Pediatric Orthopaedics*, 2nd Edition, is a concise, easy-to-read guide to managing difficult orthopaedic problems in children. This high-yield, highly illustrated reference provides practical advice on how to deal with commonly seen issues as well as those that are less common but that pose grave threats to the patient. Focusing on preventing problems and avoiding serious complications and prepared by editors, authors, and gurus with more than 1000 years of combined experience in pediatric orthopaedics, this title is an invaluable resource for pediatric orthopaedic surgery fellows and all orthopaedists who care for children.

Staying Out of Trouble in Pediatric Orthopaedics

Operative Techniques in Pediatric Orthopaedics contains the chapters on pediatric surgery from Sam W. Wiesel's *Operative Techniques in Orthopaedic Surgery* and provides full-color, step-by-step explanations of all operative procedures. Written by experts from leading institutions around the world, this superbly illustrated volume focuses on mastery of operative techniques and also provides a thorough understanding of how to select the best procedure, how to avoid complications, and what outcomes to expect. The user-friendly format is ideal for quick preoperative review of the steps of a procedure. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique. Extensive use of bulleted points and tables allows quick and easy reference. Each clinical problem is discussed in the same format: definition, anatomy, physical exams, pathogenesis, natural history, physical findings, imaging and diagnostic studies, differential diagnosis, non-operative management, surgical management, pearls and pitfalls, postoperative care, outcomes, and complications. To ensure that the material fully meets residents' needs, the text was reviewed by a Residency Advisory Board.

Operative Techniques in Pediatric Orthopaedics

This volume in The Secrets Series(R) is back in an exciting, fully updated 3rd Edition! Over 90 contributing experts provide you with authoritative, up-to-date guidance on every aspect of orthopaedic disorders in children. From growth and development to integrating a child with a disability into society to physeal injuries to child abuse to youth sports and related injuries-this book presents all the

key elements of orthopedics for clinical use, rounds, and board preparation.. Provides well-rounded coverage of orthopedic issues, including growth and development - integrating a child with a disability into society - physeal injuries - child abuse - youth sports and related injuries - and more. Expedites reference and review with a question-and-answer format, bulleted lists, mnemonics, and tips for the authors. Features a two-color page layout, "Key Points" boxes, and lists of useful web sites to expand your reference power. Includes a chapter containing the "Top 100 Secrets" in pediatric orthopaedics, enabling you to quickly review essential material. Includes a chapter containing the "Top 100 Secrets" in pediatric orthopaedics, enabling you to quickly review essential material. Comes in a convenient pocket size for easy access to key information.

Pediatric Orthopaedic Secrets

Derived from Sam W. Wiesel's four-volume *Operative Techniques in Orthopaedic Surgery*, this single-volume resource contains the user-friendly, step-by-step information you need to confidently perform the full range of operative techniques in pediatric orthopaedic surgery. In one convenient place, you'll find the entire Pediatrics section, as well as relevant chapters from the Adult Reconstruction; Hand, Wrist, and Forearm; Pelvis and Lower Extremity Trauma; Shoulder and Elbow; Spine; and Sports Medicine sections of *Operative Techniques in Orthopaedic Surgery*. Superb full-color illustrations and step-by-step explanations help you master surgical techniques, select the best procedure, avoid complications, and anticipate outcomes. Written by global experts from leading institutions, *Operative Techniques in Pediatric Orthopaedic Surgery*, 2nd Edition, provides authoritative, easy-to-follow guidance to both the novice trainee or experienced surgeon.

Operative Techniques in Pediatric Orthopaedic Surgery

Continuing the tradition of excellence that began in 1972, this latest edition of Tachdjian's *Pediatric Orthopaedics* offers the detailed visual guidance; and unmatched expertise you need to effectively diagnose and treat pediatric musculoskeletal disorders. Extensive updates offer you the latest knowledge on etiology, imaging, differential diagnosis, and non-operative and surgical techniques for a wide range of pediatric orthopaedic conditions. "... delivers the most comprehensive text on this subject." Reviewed by Dr. Neel Kamal on behalf of BACCH Newsletter, March 2015 Access expert guidance on difficult diagnostic and clinical management issues for your most challenging cases. Perfect your technique with the visual guidance of nearly 2,500 full-color illustrations and 60 videos of pediatric surgical procedures, including a number that highlight clinical examination and unusual clinical findings. Produce the best possible outcomes using today's most effective approaches for management of severe spinal deformities, hip impingement, early-onset scoliosis, and other pediatric musculoskeletal conditions. See exactly how to proceed step-by-step with instructional videos demonstrating repair of bilateral dislocated hips, triple arthrodesis for planovalgus foot, patellofemoral ligament reconstruction, elbow arthroscopy, and more. Access the full contents online at Expert Consult.

Tachdjian's Pediatric Orthopaedics E-Book

Brings together what every trainee orthopaedic surgeon needs to know about approaching paediatric cases for examinations and clinical practice.

Postgraduate Paediatric Orthopaedics

The 2nd Edition of this excellent text surveys all aspects of orthopaedic surgery, including the major sub-specialty areas. Each disease entity is first defined, and then the pathophysiology and anatomy are reviewed. Next, the pertinent history, physical and lab studies (including X-rays) are examined. Differential diagnosis, treatment and prognosis follow. Algorithms summarize management options. This edition features a new chapter on the physical exam, a new chapter on sports medicine, and a new glossary of musculoskeletal terms.

Essentials of Orthopaedic Surgery

This concise third edition offers hands-on guidance for identifying and treating the most commonly seen orthopedic problems in children and adults. Convenient as a study source for medical students, its many photographs and illustrations will also serve as a useful clinical reference for young surgeons, residents, nurses, and physician assistants. Each of the many topics is covered in depth and is designed to educate medical students and steer them towards formulating excellent diagnoses and treatment

plans. As a further aid, multiple-choice questions are included at the end of each chapter, and there is a section devoted to case studies.

Essentials of Orthopedic Surgery

Now in its updated Seventh Edition, Lovell and Winter's *Pediatric Orthopaedics* remains a must-have for physicians and residents treating infants, children, and adolescents with orthopaedic problems. This classic, comprehensive reference covers the basic science, clinical manifestations, and management of orthopaedic problems in children. Now in full color, the foremost orthopaedists examine normal musculoskeletal development and the causes, diagnosis, and treatment of the entire range of abnormalities, with emphasis on evidence-based decision making in treatment selection. The clinical chapters include pearls and pitfalls and a description of the author's preferred approach. The book will now cover surgical techniques of management with step-by-step illustrations from the *Atlas of Pediatric Orthopaedic Surgery*.

Lovell and Winter's Pediatric Orthopaedics

Confirming the British genetic trait for writing and publishing (as well as acting), two English (Oxford and London) and a Scottish orthopaedic surgeon (Edinburgh) have produced a third edition of their comprehensive text, joined, as in the second edition by an editor from Germany, recognizing its part in the European community. The 62 physician contributors are drawn from pink-colored countries in our childhood geography books—the old British Empire from Australia to Zambia and two from the former colony, the USA. The original purpose of the book was to give residents or registrars an easily accessible and concise description of diseases and conditions encountered in the practice of paediatric orthopaedic surgery and to prepare for their examinations. But the practicing orthopaedic surgeon will find an update of current practice that can be read for clarity and constraint—enough but not too much. A foreword might be a preview of things to come, but a “back word” of what was thought to be the final say on the subject is needed for a perspective in progress. A “back word” look reveals the tremendous progress in medical diagnosis and treatment of which paediatric orthopaedics and fracture care is a component. Clubfoot treatment based on the dictums of Hiram Kite has had a revolutionary change by Ponseti. The chapter by Eastwood has the details on cast application and orthotics follow-up to obtain the 95% correction without the extensive surgery many of us thought was needed.

Children's Orthopaedics and Fractures

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 who have brought together an international experts to produce this timely book. A wide spectrum audience including paediatric orthopaedic surgeons, trauma surgeons, orthopaedic residents, emergency department doctors, general practitioners and medical students looking for an evidence based approach to paediatric orthopaedics will find this book to be an essential guide for clinical practice.

Paediatric Orthopaedics

User-friendly pediatric orthopaedic surgery reference distills clinical practice into essential facts! This third edition of *Handbook of Pediatric Orthopaedics* by the renowned Paul Sponseller builds on prior editions with recent updates and treatment guidelines on pediatric bone and joint disorders. This compact handbook is a succinct, how-to manual covering a diverse spectrum of pediatric orthopaedic procedures. The book is organized by nine chapters, six of which are dedicated to specific disorder categories. An introductory chapter on anatomy and normal childhood development features norms for osseous and motor development, innervation, growth patterns, predictions, and new guidelines for assessing growth at the pelvis, foot, and hand. Expanded content on skeletal growth, development, and systemic disorders and skeletal syndromes reflects the latest knowledge, such as imaging parameters, clinical treatment standards, and an algorithm for DDH treatment. Cutting-edge advances in the treatment of cerebral palsy, myelodysplasia, and spinal muscular atrophy are detailed in the chapter dedicated to neuromuscular disorders. Pediatric trauma content includes important updates on forearm

and femur fractures, an outlined approach to each fracture, and a diagram showing how to reduce each type of Monteggia fracture. Key Features A how-to bulleted guide that walks readers through common procedures including blocks, traction, special casts, aspiration, and arthrograms Height and weight multipliers, bone age diagrams, a Lenke classification chart, and the most common lab values are handy clinical references for day-to-day practice Clear, concise drawings, bulleted text, charts, graphs, and diagrams enhance clinical understanding This is a must-have orthopaedic surgery manual for orthopaedic residents, fellows, and practitioners who treat childhood musculoskeletal disorders. Its compact size also makes it an ideal lab coat companion for medical students during orthopaedic rotations.

Lovell and Winter's Pediatric Orthopaedics and Atlas of Pediatric Orthopaedic Surgery

Drs. Epps and Bowen and a team of recognized authorities in the field clarify the incidence, causes, nature, consequences and treatment of complications that can follow procedures used in pediatric orthopaedic practice. This extraordinary text also explores the complications frequently found in the pediatric patient's disease process. Also available, *Complications in Orthopaedic Surgery, Second Edition in Two Volumes*.

Handbook of Pediatric Orthopaedics

Now in its updated Sixth Edition, this classic text remains a must-have for physicians and residents treating infants, children, or adolescents with orthopaedic problems. The foremost orthopaedists examine normal musculoskeletal development and the causes, diagnosis, and treatment of the entire range of abnormalities, with emphasis on evidence-based decision making in treatment selection. Many of this edition's clinical chapters include pearls and pitfalls and a description of the author's approach. This edition also has more clinical photographs. Discussions of surgical procedures are cross-referenced to the *Atlas of Pediatric Orthopaedic Surgery, Fourth Edition*, where readers can find step-by-step, illustrated technical instructions.

Complications in Pediatric Orthopaedic Surgery

In this book we discuss how children grow, how to measure this and how to decide whether development falls within normal parameters. It is important not to over-investigate, but, if necessary, which tests and imaging should we choose? We consider how best to look after our patients in hospital, out-patients departments and at home. This leads us to consider problems with the norm, including the more generalised bone and cartilage disorders, most now genetically determined. The section concludes with chapters on infection, arthritis and that most emotive of topics, the tumours of childhood.

Lovell and Winter's Pediatric Orthopaedics

Pediatric Orthopaedic Surgery-a title in the *Operative Techniques* series-offers you the step-by-step guidance you need-on femoral lengthening, sofieid procedure, distal radius fracture, and more-from experts Mininder Kocher and Michael B. Millis. Perform all of the latest and best techniques in this specialty thanks to large, full-color intraoperative photos, diagrammable illustrations, a dedicated website, and a companion DVD with select procedural videos. Access the fully searchable text online at www.operativetechniques.com, along with surgical videos and reference links. Refine the quality of your technique and learn the expert's approach to getting the best results thanks to pearls and pitfalls and an emphasis on optimizing outcomes. Master every procedure with step-by-step instructions on positioning, exposures, instrumentation, and implants. Provide comprehensive care for your patients through discussions of post-operative care and expected outcomes, including potential complications and brief notes on controversies and supporting evidence. See every detail with clarity using color photos and illustrations that highlight key anatomies and diagrams that present cases as they appear in real life. Perfect your technique from watching over procedural videos on the included DVD.

General Principles of Children's Orthopaedic Disease

Part of the new *Core Knowledge in Orthopaedics* series, this new resource provides concise and practical coverage of the most essential knowledge in orthopaedics and sports medicine for infants and children. It opens with a review of the differences between the pediatric and adult skeletons, and continues with a chapter covering physical examination techniques for pediatric patients. The book then explores a broad range of individual orthopaedic problems and disorders. Abundant tables, algorithms,

and specially designed diagrams assist readers in mastering key concepts quickly and efficiently. Covers all areas of pediatric orthopaedics, including upper and lower extremity disorders, injuries, and deformities - musculoskeletal infections - muscular dystrophy and arthrogryposis - sports medicine - spina bifida - synovial disorders - trauma - cerebral palsy and neuromuscular disorders - and more. Uses concise, bullet-point text with numerous charts, tables, and algorithms to expedite reference. Features a wealth of outstanding illustrations, original drawings, and clinically relevant radiographs. Offers lists of bibliographical sources at the end of each chapter.

Pediatric Orthopaedic Surgery

Offering a complete, fully integrated approach to the entire field of orthopaedic surgery, this reference covers basic science, anatomy, surgical approaches, evaluation, treatment and anticipated outcome. Highlights include full discussions of: musculoskeletal soft tissues, joint pathology, imaging techniques, trauma, oncology, adult and pediatric orthopaedics, medical malpractice, and evolving telemedicine technology. The book's detailed yet easy-to-read format aids in implementing the practical tips and guidelines, highlighted throughout. With its complete approach, this book also provides the core curriculum for orthopaedic residents, including state-of-the-art sections on gene therapy, outpatient orthopaedics, new surgical procedures, and resource management.

Pediatric Orthopaedics

This collection of practical Case reports provides a concise guide to managing a wide spectrum of orthopaedic conditions in children. Strategies for determining an optimum management approach to follow in any given situation are provided, and are supported with clinical illustrations and guidelines. Sixty challenging clinical scenarios are presented, from malunion of a tibial fracture to pseudarthrosis of the tibia, after failed primary surgery. Each case is approached in a systematic manner with a background history, key features of physical examination and a series of questions. The questions lead to the goals of surgery, followed by a list of options for the management of each case. The option chosen by the surgeon is then presented, usually with intraoperative, clinical and radiographic illustrations. The majority of cases have substantial follow-up to illustrate the wisdom of the surgical decision-making, the surgical skill employed and the diligent post-operative care and follow-up. Trainees in pediatric orthopaedics and those sitting their final specialty examination will find this Case-based approach helps to anchor both their understanding and retention of key concepts.

Orthopaedic Surgery

The latest in Lippincott's new Illustrated Tips and Tricks series features hard-to-find nuggets of wisdom from surgeons and residents at the world-renowned Boston Children's Hospital. Covering the upper extremity, hip, foot, and ankle, the book focuses on how attending surgeons approach treatment and management with specific patient types in specific situations, and is ideal as a complementary resource to comprehensive technical manuals.

Essential Paediatric Orthopaedic Decision Making

"Guide and reference for the evaluation and management of common musculoskeletal conditions. Covers general orthopedics, shoulder, elbow and forearm, hand and wrist, hip and thigh, knee and lower leg, foot and ankle, spine, and pediatric orthopedics. Halftone illustrations." -- Amazon.

Boston Children's Illustrated Tips and Tricks in Pediatric Orthopaedic Fracture Surgery

This comprehensive book on all aspects of the clinical management of pediatric orthopedic disorders and fractures contains sections on common disorders of the skeletal, hematopoietic and neuromuscular systems, inherited and acquired conditions, and diagnosis and management of pediatric fractures. Aimed at both the practicing orthopaedic surgeon and residents preparing for board certification, Children's Orthopaedics and Fractures, 2/e will provide the reader with a complete and detailed review of the field of pediatric orthopedics and trauma. Every paediatric orthopaedic condition discussed in detail, with diagnosis and clinical management. Details on complications and their avoidance in each chapter. Surgical techniques and non-surgical orthopaedic clinical management. Additional material on genetics, anaesthesia and other aspects of the care of the child with an orthopaedic condition. Renowned editors and the expertise of an international list of contributors. Superb illustrations with over 700 black and white prints and over 200 surgical line illustrations. New section on imaging in

orthopaedic surgery Many advances in diagnosis and surgical techniques. Greatly expanded chapter on gait analysis. Expanded coverage of trauma, arthroplasty in JCA, pelvic osteotomies, and pre- and post-operative care. Extensively revised chapters on genetic disorders, neural tube defects and infections.

Essentials of Musculoskeletal Care

Mastering the art and science of paediatric orthopaedics entails the acquisition of theoretical knowledge, the development of surgical dexterity and learning the process of clinical decision-making. Of these three components, clinical decision-making is arguably the most important. Featuring a practical focus, *Paediatric Orthopaedics: A System of Decision-Making* "provides a guide to managing a wide spectrum of orthopaedic conditions in children. The book provides strategies for determining an optimum management approach to follow in any given situation, thus empowering surgeons to adapt their approach to the needs of individual patients. The book addresses 73 topics in 9 sections covering the majority of orthopaedic conditions in children. This simplifies both organization and navigation and creates a design that is suitable for reading either in its entirety or for quick reference. Eminent paediatric orthopaedists have pooled their experience and knowledge to provide a logical approach to the evaluation and treatment of both common and some uncommon conditions. Readers are given insight into decision-making trees where choices are not always made on science alone but governed also by social issues or patient preference. The text has been fully updated and, with the introduction of colour illustrations, is an invaluable tool for all those working in paediatric orthopaedics.

Children's Orthopaedics and Fractures

This book brings together the congenital, acquired and traumatic conditions which may affect the child's cervical and thoraco-lumbar spine. The immature spine poses considerable diagnostic dilemmas and radiographs are often difficult to interpret. The aetiology of deformity, its assessment, monitoring and treatment are comprehensively described. Back pain in children receives special attention. Care has been taken to identify symptoms and signs which should raise our level of anxiety and those which are likely to resolve. Where surgery is necessary the principles and risks are defined.

Pediatrics

The difference between an average surgeon and a master surgeon is often an ability to navigate and resolve surgical complications. *Complications in Orthopaedics: Pediatrics* provides expert guidance and offers real solutions to improve patient outcomes, both for the trainee and for the experienced surgeon. This brand new volume in the new *Complications in Orthopaedics* series from Dr. Stephen R. Thompson, co-editor of *Miller's Orthopaedics* and *DeLee & Drez's Orthopaedic Sports Medicine*, and Dr. Matthew R. Schmitz, focuses on how to get out of the weeds, with practical, use-now advice on pediatric trauma, upper extremity, spine, lower extremity, and neuromuscular/congenital disorders. Describes how to navigate the most common or most devastating errors and complications in pediatric orthopaedic surgery, combining the breadth of knowledge of academic surgeons with the "in-the-trenches skills of community surgeons. Follows a templated, reader-friendly format throughout. Emphasizes how to recognize and avoid errors, with thorough coverage of preoperative errors, intraoperative issues, and postoperative complications. Includes video clips, clinical images, and MRI and CT scans to enhance and reinforce the material.

Paediatric Orthopaedics

Comprehensive and generously illustrated, this text highlights both general principles and specific strategies for managing the spectrum of pediatric lower limb deformities. It is divided thematically into five sections, though any chapter can stand on its own to guide the clinician in specific situations. Part I covers general principles and techniques, including etiology, clinical evaluation, imaging as well as different surgical methods. Part II, covering related concepts and management options, discusses soft tissue contractures, amputations and working in austere and resource-challenged settings. Underlying conditions comprise part III – specific metabolic, neuromuscular and tumor-related conditions, along with arthrogryposis, Osteogenesis Imperfecta and various skeletal dysplasias. Part IV presents congenital and developmental disorders, such as congenital femoral deficiency, hemimelias, tibial pseudoarthrosis and Blount disease, while part V rounds out the book with chapters on sequelae related to different etiologies and their treatment. Covering all aspects of the management of pediatric

lower limb deformities and written by renowned experts in the field, this textbook will be an invaluable resource for orthopedic surgeons and trainees worldwide.

Children's Spinal Disorders and Fractures

Originating from the esteemed Boston Children's Hospital, this new volume in the Illustrated Tips and Tricks series provides succinct, precise information from a wide range of experts on tackling technical problems in pediatric orthopaedic reconstructive surgery. Edited by Drs. Peter M. Waters, Benjamin J. Shore, and Daniel J. Hedequist, this volume presents practical, hands-on content gained from years of surgical experience, including nuggets of wisdom unique to particular institutions. Drawings, operative photos, and videos are used liberally throughout the book to illustrate surgical techniques and provide a handy visual complement to the text.

Complications in Orthopaedics: Pediatrics - E-Book

Pediatric Lower Limb Deformities