Sciences Basic To Orthopaedics

Winner of the prize for New Edited Book at The Royal Society of Medicine & The Society of Authors' Medical Book Awards, this textbook for medical students covers orthopaedics, trauma and rheumatology in one volume. It offers both core information regarding what the student needs to know about these specialties and an extensive series of cases with questions and answers that illustrate the thinking behind common everyday practice. The book offers a standard approach to history taking and physical examination, and relevant anatomy, highlighting the reasons for the different approaches within each specialty as required. Provides a comprehensive overview of musculoskeletal medicine and surgery perfectly tailored for the busy medical student Illustrated in full colour throughout Succinct coverage of essential topics helps aid understanding whilst avoid unnecessary detail thus saving time Uniform style of chapters throughout allows readers to easily scan through for the information required Useful summary boxes outline the main points of each condition including aetiology, pathology, epidemiology, clinical features, investigations, management and prognosis 100 case histories with questions illustrate the range of clinical problems that students will encounter during their clinical placements A new chapter on

Sports and Exercise Injury A new restructured chapter on fractures pulls together the text into a more logical presentation of the subject Additional text on sports injuries to children will be included A refocused chapter on the multi-professional team approach to the management of musculoskeletal disorders An update of the therapeutics in all chapters 50 new case studies included.

This volume in the Core Knowledge in Orthopaedics Series equips you with the key concepts and clinical skills needed to excel in the subspecialty of adult reconstruction and arthroplasty. Inside you'll find concise, clinically focused coverage of the surgical techniques you need to know to obtain optimal patient management outcomes, along with relevant anatomy, biomechanics, limb salvage techniques, imaging, arthroscopy, and more. It's a perfect resource for training...board certification or recertification review...or everyday clinical reference! Apply the guidance in a logical fashion with coverage that progresses from describing commonly seen clinical problems to reviewing less frequently encountered conditions. Follow the most appropriate surgical management approaches. Assimilate the information easily through bulleted text, crisp artwork, clinical charts, tables, algorithms, and annotated key references.

Heterotopic Ossification: Basic Science, General Principles, and Clinical Correlates in Orthopedic

Surgery is a comprehensive, informative approach to understanding the basics through the detailed complexities of heterotopic ossification (HO). The chapters in this book are structured into three main sections: (1) general principles of heterotopic ossification; (2) heterotopic ossification in major anatomic joints; and (3) additional topics and specifics of heterotopic ossification. Each individual chapter is a contribution from a leading expert in the respective subtopic of HO. As a cohesive unit, this book provides a complete reference for students, scientists, clinicians and orthopedic surgeons who find interest in HO or encounter it in the course of patient care.

Basic Orthopaedic Sciences is a brand new book for trainees in orthopaedic surgery covering all aspects of musculoskeletal basic sciences that are relevant to the practice of orthopaedics, as assessed in the FRCS Higher Specialty exams. Based on the authoritative 'Stanmore course' run by the Royal National Orthopaedic Hospital, the book contains enough information to serve as a concise textbook while its emphasis is on revision. The book is a guide to the basic sciences underpinning the practice of orthopaedic surgery, covering aspects of biomechanics, biomaterials, cell & microbiology, histology, structure & nbsp; & function, immunology, pharmacology, statistics, physics of imaging techniques, and kinesiology as relevant to the

subject of orthopaedics. The book will help trainees understand the science that underpins the clinical practice of orthopaedics, an often neglected area in orthopaedic training. It covers the breadth of topics in orthopaedic basic science achieving a balance between readability and comprehensive detail. Basic Orthopaedic Sciences is an invaluable guide for all trainees in orthopaedics and trauma preparing for the FRCS, as well as for surgeons at MRCS level. Obtain the best outcomes from the latest techniques with help from a "who's who" of orthopaedic trauma experts! In print and online, you'll find the in-depth knowledge you need to manage any type of traumatic injury in adults. Major updates keep you up to speed on current trends such as the management of osteoporotic and fragility fractures, locked plating technology, post-traumatic reconstruction, biology of fracture repair, biomechanics of fractures and fixation, disaster management, occupational hazards of radiation and blood-borne infection, effective use of orthotics, and more. A DVD of operative video clips shows you how to perform 25 key procedures step by step. A new, full-color page layout makes it easier to locate the answers you need quickly. And now, for the first time, you can access the complete contents online, for enhanced ease and speed of reference! Complete, absolutely current coverage of relevant anatomy and biomechanics, mechanisms of injury, diagnostic approaches, treatment options, and

associated complications equips you to confidently approach every form of traumatic injury.

This title is directed primarily towards health care professionals outside of the United States. It has been written to encompass the basic anatomy, physiology and pathology required by the syllabus of the UK Royal Colleges and the Intercollegiate Surgical Curriculum Project. For this Second Edition many of the chapters have been updated, especially the chapters on immunology, basic microbiology, the endocrine and locomotor systems and the breast. An attempt has been made throughout to indicate the clinical relevance of the facts and the reason for learning them. There are several new contributors to the author team, all of whom are experts in their field and many of them are, or have been, experienced examiners at the various UK Royal Colleges. Brings together three basic sciences in one book and presents them in an integrated format. Presents the sciences at the right level for surgical trainees. Written in a straightforward and readable style. Thoroughly revised to take account of latest changes in basic surgical training, especially the chapters on immunology, basic microbiology, the endocrine and locomotor systems and the breast

This eBook provides access to the complete book content electronically. Pageburst (formerly Evolve eBooks) allows you to quickly search the entire book, make notes, add highlights, and study more

efficiently. Buying other Pageburst titles makes your learning experience even better: all of the eBooks will work together on your electronic "bookshelf", so that you can search across your entire library of eBooks. Feline Orthopedic Surgery and Musculoskeletal Disease is the first book dedicated specifically to treating cats with disorders in this specific area. The practice of feline orthopedic surgery and traumatology has developed to a great extent over the last ten years as cat ownership is increasing and this textbook discusses new veterinary diagnostic procedures and surgical techniques that have been developed that veterinarians, residents and students working in the field of internal medicine need to know about. Covers the basics of feline anesthesia, analgesia, preoperative and postoperative care of the patient, orthopedic instrumentation and implants Contains detailed sections on investigation and diagnosis of feline orthopedic diseases and injuries, with specific chapters on diseases of the footpads and nails, tumors of the musculoskeletal system, and polytrauma Surgical techniques of feline orthopedic diseases and injuries are explained step-by-step with many schematic illustrations Presents both classical treatments using cost-effective implants and new osteosynthesis techniques using modern implants Over 20 new and original surgical methods are included

This successful book, first published in 1980 and now in its fourth edition, provides an authoritative guide for busy practitioners trying to keep pace with current trends in small animal orthopaedic surgery. In this new edition Hamish Denny and Steven Butterworth have retained the same practical approach but have completely rewritten and updated the book to provide a comprehensive review of orthopaedic and spinal conditions in the dog and cat. The illustrations have also undergone a major overhaul and the many line drawings are now combined with photographs and radiographs to clarify diagnostic and surgical techniques. Although the size of the book has increased, its regional approach to problems still enables the reader to use it as a rapid reference guide. It will prove an invaluable source of information for veterinary practitioners diagnosing and treating orthopaedic and spinal problems, while postgraduate students taking further qualifications in orthopaedics will find a sound basis for their studies and further reading provided here.

This book has been written specifically for candidates sitting the oral part of the FRCS (Tr & Orth) examination. It presents a selection of questions arising from common clinical scenarios along with detailed model answers. The emphasis is on current concepts, evidence-based medicine and major exam topics. Edited by the team behind the

successful Candidate's Guide to the FRCS (Tr & Orth) Examination, the book is structured according to the four major sections of the examination; adult elective orthopaedics, trauma, children's/hands and upper limb and applied basic science. An introductory section gives general exam guidance and end section covers common diagrams that you may be asked to draw out. Each chapter is written by a recent (successful) examination candidate and the style of each reflects the author's experience and their opinions on the best tactics for first-time success. If you are facing the FRCS (Tr & Orth) you need this book.

"This edition represents the scientific basis of orthopaedic surgery as of 2020. It is intended to inform clinical decision making by providing the basic sciences in a clinically relevant context. The production of the fifth edition of Orthopaedic Basic Science was a substantial undertaking contributed to by each of the authors. The author list is comprised of senior scientists and clinicians, and rising stars, a healthy mixture that reflects well on both sustained personal commitments and expectations for the future. Reflecting the growth in orthopaedic scientific information, all the previously included chapters have been revised and many new chapters have been added. Molecular biology has been refocused to emphasize the role of epigenetics. Biomaterials, repair, and tissue engineering are also emphasized.

The significance of articular crosstalk is presented together with new chapters on joint biology and osteoarthritis. Consideration of gender differences in preclinical and clinical studies recognizes the spectrum of biological responses and the presentation of metabolic bone diseases acknowledges the importance of secondary fracture prevention. A completely redone section on the generation of clinical information recognizes advances in methodology, the assessment of large databases and the growth of registries, and best-practice guidelines"--

What do you need to do before sitting the written component of the FRCS (Tr and Orth) examination? Practice, practice, practice. Sadly the MCQs and EMQs in the actual examination are not this straightforward. This book will help the orthopaedic surgeon preparing for the written part of the examination to be ready to face the task ahead. The MCQs and EMQs appear in the same format as the examination and cover the syllabus topics. Divided into subspecialty chapters, including trauma and basic science, this book is ideal for use alongside a revision plan. The questions have detailed answers and selected references, arming readers with the knowledge they need to approach the topic correctly. Written by recent, successful examination candidates, this question-and-answer-based revision guide is ideal preparation for the FRCS (Tr and Orth)

examination as well as being helpful for other postgraduate orthopaedic exams.

The vast majority of orthopaedic care takes place not in the orthopaedic surgeon's office or operating room but in various primary care settings. Essential Orthopaedics, 2nd Edition, provides concise, practical guidance from noted authority Dr. Mark D. Miller, along with a stellar editorial team and numerous contributors from both orthopaedics and primary care. Using a templated, bulleted format, it delivers the information you need on diagnosis, management, and appropriate referrals for adult and pediatric patients. It's the perfect, everyday orthopaedic reference for primary care physicians, physician assistants, nurse practitioners, physical therapists, and athletic trainers in the clinic or training room. Offers expert insight to help you confidently diagnose and treat sprains, fractures, arthritis and bursitis pain, and other musculoskeletal problems, or refer them when appropriate. Covers topics of high importance in orthopaedic care: anatomy and terminology, radiologic evaluation of orthopaedic conditions, principles of fracture management, and special considerations for the obese, the elderly, athletes, those with comorbidities, and other patient populations. Features 40 videos covering injections, physical examinations, common procedures, and more. Includes 12 new chapters with current information on physical exam of the hip

and pelvis, femoroacetabular impingement (FAI), athletic pubalgia, state-of-the-art surgical techniques, and new imaging information, particularly in the area of musculoskeletal ultrasound. Provides new ICD-10 codes for common orthopaedic conditions. Features diagnostic algorithms, specific steps for treatment, and full-color illustrations throughout.

This book is designed to meet the needs of both novice and senior researchers in Orthopaedics by providing the essential, clinically relevant knowledge on research methodology that is sometimes overlooked during training. Readers will find a wealth of easy-to-understand information on all relevant aspects, from protocol design, the fundamentals of statistics, and the use of computer-based tools through to the performance of clinical studies with different levels of evidence, multicenter studies, systematic reviews, meta-analyses, and economic health care studies. A key feature is a series of typical case examples that will facilitate use of the volume as a handbook for most common research approaches and study types. Younger researchers will also appreciate the guidance on preparation of abstracts, poster and paper presentations, grant applications, and publications. The authors are internationally renowned orthopaedic surgeons with extensive research experience and the book is published in collaboration with ISAKOS.

Operative Orthopaedics is a definitive and

comprehensive guide to elective orthopaedic surgery for trainees preparing for FRCS and surgeons at MRCS level. With the emphasis on techniques employed and the reasoning behind them, this book is both a practical instruction manual and a revision tool. Based on the authoritative 'Stanmore course' run by the Royal National Orthopaedic Hospital Operative Orthopaedics covers all aspects of elective orthopaedic surgery as assessed by the FRCS Higher Specialty exams. Surgery of the upper limb, lower limb and spine is explained from preoperative planning through technique and potential complications. Specialist areas such as tumour surgery, paediatric surgery and limb reconstruction are also included. Each chapter concludes with key references and sample viva voce questions and answers to extend and reinforce learning.

Following on from the highly successful first edition, published in 2006, the second edition of Basic Orthopaedic Sciences has been fully updated and revised, with every chapter rewritten to reflect the latest research and practice. The book encompasses all aspects of musculoskeletal basic sciences that are relevant to the practice of orthopaedics and that are featured and assessed in higher specialty exams. While its emphasis is on revision, the book contains enough information to serve as a concise textbook, making it an invaluable guide for all

trainees in orthopaedics and trauma preparing for the FRCS (Tr & Orth) as well as for surgeons at MRCS level, and other clinicians seeking an authoritative guide. The book helps the reader understand the science that underpins the clinical practice of orthopaedics, an often neglected area in orthopaedic training, achieving a balance between readability and comprehensive detail. Topics covered include biomechanics, biomaterials, cell & microbiology, histology, structure & function, immunology, pharmacology, statistics, physics of imaging techniques, and kinesiology.

The latest techniques and advances in the field ... cutting-edge clinical and surgical knowledge ... a clear, bulleted format ... it all adds up to the fully revised 2nd Edition of Core Knowledge in Orthopaedics: Foot and Ankle. Perfect for exam review or in preparation for rotations or a challenging clinical case, this easy-to-use resource is designed for busy orthopaedic residents and fellows as well as practitioners who want a quick review of the foot and ankle. Brings you fully up to date with current techniques and advances in the area of foot and ankle, including new developments in orthotics, ankle fractures, Achilles injuries, and more. Features a new, full-color design throughout, plus new chapters on Hallux Rigidus and Sesamoid Pathology and Osteochondral Lesions of Talus. Presents new and fully revised information in a bulleted, templated

format, with summary tables that help you find and retain key information. Includes key facts for quick review and selected references for further reading in every chapter. Shares the knowledge and experience of two experts in the field, Drs. Justin K. Greisberg and J. Turner Vosseller.

Excellent resource of orthopedic knowledge. Easy to use note format - checklist character. Illustrations include x-rays and clinical photos that have previously appeared in examinations. Preface written by Jesse Jupiter (Harvard Medical School/Massachusetts General Hospital) nad John Wedge (Hospital for Sick Children, Toronto, Canada) Useful to students and practitioners throughout the world.

Advances in Materials Science and Implant Orthopedic Surgery brings together experts from major university hospitals, materials scientists specializing in bio-materials, and development engineers working for implant manufacturers to address such issues as: mechanisms of fixation; foreign-body immune response; generation and consequences of ionic and wear debris; materials selection, design and manufacturing schemes; and surgical techniques to maximize the safety and efficacy of the devices.

Thoroughly updated and expanded into two separate volumes, the Fourth Edition of Joint Replacement Arthroplasty provides comprehensive coverage of primary and revision arthroplasty procedures for the upper and lower extremities. This definitive text is written by world-renowned experts from the Mayo Clinic and

other leading institutions and includes data from the Mayo Clinic's extensive patient records from 1969 through 2009. This first volume covers the elbow and shoulder and includes online access to 30 chapters on the basic science that supports joint replacement. Sections on each joint cover anatomy and surgical approaches, navigation, biomechanics, prosthesis design, primary arthroplasty, complications, revision arthroplasty, and alternative procedures. This edition includes more practical advice on diagnosing and managing the underlying problems and more step-by-step operative guidelines. The companion website allows you to search across both Volume 1 and Volume 2, which covers the hip, knee, and ankle. The online-only basic science chapters provide thorough coverage of materials used for joint replacements and management of patients with various medical conditions.

Orthopedic experts in their field have carefully chosen what they consider to be the key papers in their respective domains. Every paper is carefully described and evaluated by its strengths, weaknesses and its contribution to the field. Papers have been chosen by number of citations, academic importance, articles that have changed our whole way of thinking or that have simply stood the test of time.

This text features a problem-oriented approach to the basic sciences component of orthopaedic surgical training. It is intended for quick referral and review purposes.

One of the hallmarks of a master surgeon is the ability to navigate a wide variety of inevitable difficult situations in

surgery, whether errors in judgment, technical mistakes, or unavoidable outcomes. Complications in Orthopaedic Surgery is a new series designed to provide real-world guidance on recognizing and avoiding errors, as well as how to “course-correct during surgery. In this inaugural volume dedicated to sports medicine surgery, series editor Dr. Stephen R. Thompson and Dr. Matthew Schmitz describe and demonstrate practical solutions that are integral to improving patient outcomes. Covers a wide variety of procedures, including meniscus repair and transplantation, revision ACL reconstruction, pediatric ACL surgery, cartilage surgery in adults and children, knee osteotomies, acromioclavicular surgery, hip arthroscopy, and much more. Describes and offers solutions to the most common or most devastating errors and complications in the practice of sports medicine surgery, combining the breadth of knowledge of academic surgeons with the in-the-trenches skills of community surgeons. Uses an easy-to-follow, standardized chapter format that covers preoperative errors, intraoperative issues, and postoperative complications. Includes procedural video clips to reinforce discussions in the text. Features a full-color design with numerous photographs, radiographs, and illustrations.

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. Build your Foundation of Basic Science – from Research to Clinical Application A great tool for MOC preparation! A 'must have' for residency!

This fourth edition, developed in a partnership between the American Academy of Orthopaedic Surgeons (AAOS) and the Orthopaedic Research Society (ORS), is your concise and clinically relevant resource for the diagnosis and treatment of musculoskeletal diseases and conditions.

Designed with the practicing clinician in mind, Biologics in Orthopaedic Surgery provides a succinct, easy-to-digest overview of the integration of biologics (platelet-rich-plasma [PRP], bone marrow aspirate [BMA], and stem cells) into today's orthopaedic practice. Covering relevant basic science as well as clinical applications, this concise reference takes a head-to-toe approach to the emerging role of orthobiologics for specific conditions and procedures, in addition to future directions for implementation.

Specific operative and nonoperative techniques and their results are stressed. The book is extensively illustrated with drawings, most of which were made for this book, microscopy photos, and serial radiographs. The reader learns of pediatric orthopedic deformity in relation to normal and abnormal developmental biology, the worsening of untreated disease with growth, and the diagnostic and treatment interventions required based on the stage of progression. * Treatments are correlated with the pathologic state of the disorder * Discusses disorders from earliest onset to the final state showing how the altered biology leads to progressively greater clinical deformity * Initial chapter focuses on development bone biology stressing a broad based approach involving histologic, gene and molecular, and

biomechanical features * Subsequent chapters discuss the pathogenesis of the various deformities, natural history, radiographic and imaging findings and orthopaedic and surgical management

Essential Orthopaedics is the fifth edition of this highly illustrated resource, ideal for undergraduate revision. Each of the 48 chapters has been thoroughly revised and updated, and an MCQs section has been added to the end of each chapter to aid revision. The chapters begin with a brief review of the relevant anatomy, before discussing basic principles and treatment, with various methods and their indications. The broad range of topics includes anatomy of bone and fracture healing, deformities and their management, bone tumours, spinal injuries and degenerative disorders. Orthopaedic injuries to specific parts of the body are given individual chapters, for example injuries around the elbow, and injuries to the leg, ankle and foot. Essential Orthopaedics provides a chapter on recent advances in the treatment of fractures, offering the most up-to-date information in this constantly changing field. Presenting a practical approach to various common emergencies, enhanced by sections on orthopaedic terminology and over 380 full colour images and illustrations, this book is an invaluable revision resource for undergraduate medical students. Key Points Fifth Edition of orthopaedic revision resource Previous edition published 2012 (9788184655421) MCQ and terminology sections to aid revision 382 full colour images and illustrations

Trauma and Orthopaedics at a Glance is an easy-to-read, highly visual guide to orthopaedics. It

comprehensively covers relevant basic science and clinically-oriented anatomy of the musculoskeletal system, and the diagnosis and management of trauma, sports injuries, paediatric orthopaedics, degenerative disease, and musculoskeletal tumours. Although primarily aimed at junior doctors and senior medical students, it is also useful for physiotherapists and nurse practitioners. Trauma and Orthopaedics at a Glance: • Provides thorough coverage of diagnosis, investigation and contemporary treatment options of commonly encountered orthopaedic conditions; • Features a section on what to expect as a Foundation doctor in orthopaedics, including how to present cases in trauma meetings, essential information to survive 'on-call' shifts and tips for efficient clerking of trauma admissions; • Unique 'how to' section, comprising guidance on key practical procedures such as aspirating joints, manipulating fractures and applying plaster casts. • Includes a companion website at ataglanceseries.com/tando featuring 120 multiple-choice questions and 10 case studies This brand new title presents an overview of all the information relating to diagnosing and treating musculoskeletal conditions, and is ideal while on rotation or revising key concepts.
Total joint arthroplasty is an effective surgical procedure for end-stage osteoarthritis of major joints with satisfactory long term clinical outcome. A large and growing number of arthroplasties are performed annually worldwide and a great number of orthopaedic surgeons are practicing arthroplasty surgery as their main surgical activity. The biological behavior of the bone-implant

interface is crucial for the long term survival of the artificial joint. All factors which have a positive or negative effect on the interface are of great interest for those practicing arthroplasty surgery. Basic scientists and the industry are continuously searching for new implant fixation mechanisms and improved materials. There is an accumulation of a great amount of basic science data (both biological, material and mechanical) related to the incorporation or loosening of the bone-implant interface. However, basic science data does not always translate to satisfactory clinical application, and orthopaedic practitioners often wonder which piece of information is clinically useful. A further problem is that basic scientists often speak their own scientific language and may not fully appreciate common clinical practice needs. In this textbook the biological and mechanical mechanisms of implant incorporation and loosening will be presented. All new data concerning materials and methods for incorporation enhancement will be critically analyzed. Data useful for clinical application will be stressed. Orthopaedic Surgeons will find information which will improve their clinical practice and basic scientists will be helped to understand and appreciate clinical needs.

Get your hands on this concise, visual guide to orthopaedics packed with the absolutely essential facts!. --Book Jacket.

Orthopaedic Trauma: The Stanmore and Royal London Guide is a definitive and practical guide to musculoskeletal trauma surgery with an emphasis on the techniques employed and the reasoning behind them.

Written with the needs of trainees in orthopaedic surgery in mind, this comprehensive book systematically covers all aspects of trauma of the upper limb, lower limb, and spine, with separate sections on paediatric trauma. Many chapters include detailed descriptions of the initial diagnosis and management of common injuries as well as the consent process, theatre set-up, and surgical approach required for operative treatment. The book also features sections on topics such as polytrauma, pelvic trauma, and resuscitation, enabling the reader to learn safe, evidence-based approaches. Information on complications, key references, viva and multiple-choice questions to test understanding of concepts covered are included in each chapter, allowing the book to be used both as a practical guide to the treatment of patients and as a preparation tool for postgraduate orthopaedic examinations. This book complements the successful titles Basic Orthopaedic Sciences: The Stanmore Guide and Operative Orthopaedics: The Stanmore Guide.

This volume of the Orthopaedic Study Guide Series provides the foundation of general orthopedic and basic science. Chapters of this book cohere around three aspects of the musculoskeletal system, anatomy, physiology, and pathology. Next to basic principles, case reports underline key information relating to disorders, diagnosis, and treatment options. Written by leading experts, this volume is a concise guide designed as quick reference, thereby it presents a useful resource for orthopedic residents and fellows.

Basic Orthopaedic Sciences is a brand new book for trainees in orthopaedic surgery covering all aspects of

musculoskeletal basic sciences that are relevant to the practice of orthopaedics, as assessed in the FRCS Higher Specialty exams. Based on the authoritative 'Stanmore course' run by the Royal National Orthopaedic Hospital, the book contains enough information to serve as a concise textbook while its emphasis is on revision. The book is a guide to the basic sciences underpinning the practice of orthopaedic surgery, covering aspects of biomechanics, biomaterials, cell & microbiology, histology, structure & function, immunology, pharmacology, statistics, physics of imaging techniques, and kinesiology as relevant to the subject of orthopaedics. The book will help trainees understand the science that underpins the clinical practice of orthopaedics, an often neglected area in orthopaedic training. It covers the breadth of topics in orthopaedic basic science achieving a balance between readability and comprehensive detail. Basic Orthopaedic Sciences is an invaluable guide for all trainees in orthopaedics and trauma preparing for the FRCS, as well as for surgeons at MRCS level.

Revision of: Brinker, Piermattei, and Flo's handbook of small animal orthopedics and fracture repair / Donald L. Piermattei, Gretchen L. Flo, Charles E. DeCamp. c2006. 4th ed.

Accompanying CD-ROM contains exactly the same information as the book.

For nearly a quarter century Miller's Review of Orthopaedics and the accompanying annual Miller Review Course (www.MillerReview.org) have been

must-have resources that residents and practitioners have turned to for efficient and effective exam preparation. This 7th Edition continues to provide complete coverage of the field's most-tested topics, now reorganized to be more intuitive, more user-friendly, and easier to read. Numerous study aids help you ace your exams: a superb art program, including full-color tables, images, and pathology slides; improved concise, bulleted text design; "testable facts" in every chapter; multiple-choice review questions written by experts in the field; and much more. Video clips and SAQs available online for easy access. Content and topic emphasis are fully aligned with the ABOS (American Board of Orthopaedic Surgery) and OITE (Orthopaedic In-Service Training Exam) exams, giving you the confidence you need to prepare for certification and recertification. Completely revised sections on anatomy, spine, and tumors, along with input from many new authors, keep you fully up to date. An increased emphasis on imaging, along with the most current results and techniques, ensure that you're prepared for today's exams. Includes new coverage of femoroacetabular impingement, spine trauma, common medications used in orthopaedics, and recent advances in basic sciences. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the

book on a variety of devices.

Netter's Concise Orthopaedic Anatomy is a best-selling, portable, full-color resource excellent to have on hand during your orthopaedic rotation, residency, or as a quick look-up in practice. Jon C. Thompson presents the latest data in thoroughly updated diagnostic and treatment algorithms for all conditions while preserving the popular at-a-glance table format from the previous edition. You'll get even more art from the Netter Collection as well as new radiologic images that visually demonstrate the key clinical correlations and applications of anatomical imaging. For a fast, memorable review of orthopaedic anatomy, this is a must-have. Maintains the popular at-a-glance table format that makes finding essential information quick and convenient. Contains useful clinical information on disorders, trauma, history, physical exam, radiology, surgical approaches, and minor procedures in every chapter. Lists key information on bones, joints, muscles, and nerves in tables correlate to each Netter image. Highlights key material in different colors—pearls in green and warnings in red—for easy reference. Features both plain film and advanced radiographic (CT and MRI) images, along with cross-sectional anatomic plates for an even more thorough visual representation of the material. This "updated" second edition includes test-yourself images and notes. All other content is the same as the 2010 2nd edition.