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To the dentist or maxillofacial practitioner, radiology is an essential diagnostic discipline and a valuable tool for treatment planning. Now more than ever, dentists are often the first to encounter lesions of the face and jaws and are frequently held liable for recognizing pathologies and other sites of concern. Oral and Maxillofacial Radiology: A Diagnostic Approach provides clinicians of varied disciplines and skill levels a practical and systematic approach to diagnosing lesions affecting the face and jaws. Firmly grounded in evidence-based research, the book presents a clear understanding of the clinical impact of each lesion within a prospective diagnosis. Oral and Maxillofacial Radiology is logically organized, beginning with the basics of radiological diagnosis before discussing each of the advanced imaging modalities in turn. Modalities discussed include helical and cone-beam computed tomography, magnetic resonance imaging, positron emission tomography, and ultrasonography. Later chapters cover radiological pathologies of the jaw, and also those of the head and neck immediately outside the oral and maxillofacial region. Written by a recognized expert in the field, Oral and Maxillofacial Radiology contains a multitude of clinical images, practical examples, and flowcharts to facilitate differential diagnosis. This book represents a condensed version of the 20 topics dealing with imaging diagnosis and interventional therapies in musculoskeletal diseases. The disease-oriented topics encompass all the relevant imaging

modalities including X-rays technology, nuclear medicine, ultrasound and magnetic resonance, as well as image-guided interventional techniques. This book comprehensively covers modern soft tissue pathology and includes both tumors and non-neoplastic entities. Soft tissues make up a large bulk of the human body, and they are susceptible to a wide range of diseases. Many soft-tissue tumors are biologically very aggressive, and the chance of them metastasizing to vital organs is quite high. In recent years, the outlook for soft-tissue cancers has brightened dramatically due to the increased accuracy of the pathologist's tools. All methods of diagnosis are covered here, with an emphasis on the newest immunoassays and other genetic, molecular, and immunologic diagnostic modalities. This book's systematic description of benign and malignant primary soft tissue tumors with didactic, comprehensive panels of illustrations allows the reader to formulate a complete understanding of the morphology of tumor entities at one glance. The book covers both the most common tumor entities and more unusual diseases using more than 1,500 color images, making it a resource for beginning and senior pathologists. This richly illustrated book provides a comprehensive survey of the growing role of medical imaging studies in the detection, staging, grading, tissue characterization, and post-treatment follow-up of soft tissue tumors. For each tumor group, imaging findings are correlated with clinical, epidemiologic, and histologic data. The relative merits and indications of various imaging modalities are discussed and compared. Particular emphasis is placed on MRI because of its unique contrast resolution and multiplanar imaging capabilities. This third, revised and updated edition includes new chapters on genetics and molecular biology and on pathology of soft tissue tumors, with respect to the new World Health

Organization (WHO) classification of soft tissue tumors. It aims to serve both as a systematic, descriptive textbook and as a rich pictorial database of soft tissue masses. The addition of numerous new illustrations of common and rare soft tissue tumors will further increase the scientific and educational value of this third edition. Most ingested foreign bodies pass through the gastrointestinal tract without a problem. However, both ingested and inserted foreign bodies may cause bowel obstruction or perforation or lead to severe hemorrhage, abscess formation, or septicemia. Foreign body aspiration is common in children, especially those under 3 years of age, and in these cases chest radiography and CT are the main imaging modalities. This textbook provides a thorough overview of the critical role of diagnostic imaging in the assessment of patients with suspected foreign body ingestion, aspiration, or insertion. A wide range of scenarios are covered, from the common problem of foreign body ingestion or aspiration in children and mentally handicapped adults through to drug smuggling by body packing and gunshot wounds. Guidance is offered on diagnostic protocols, and the value of different imaging modalities in different situations is explained. Helpful management tips are also provided. This textbook will prove invaluable for residents in radiology, radiologists, and physicians who are involved on a daily basis, within an emergency department, in the management of patients with suspected ingestion, aspiration, or insertion of foreign bodies.? This volume presents a selection of clinical cases with the emphasis on tumors of bone and soft tissues. Case for case, the reader is supplied with information and invited to suggest a diagnosis. In each case the patient's history is briefly reviewed and characteristic images are reproduced. Special importance is attached to lucid analysis, basic considerations and systematic image interpretation.

Each case is histologically verified, and the definitive diagnosis is betrayed on the last page. Case presentations closes with a concise summary of the important clinical data relating to the entity concerned. This authoritative yet eminently readable book is a practical guide to the analysis of the kind of complex orthopedic cases with which orthopedists and radiologists should become familiar. This atlas explores the latest advances in radionuclide imaging in the field of inflammatory diseases and infections, which now typically includes multimodality fusion imaging (e.g. in SPECT/CT and in PET/CT). In addition to describing the pathophysiologic and molecular mechanisms on which the radionuclide imaging of infection/inflammation is based, the clinical relevance and impact of such procedures are demonstrated in a collection of richly illustrated teaching cases, which describe the most commonly observed scintigraphic patterns, as well as anatomic variants and technical pitfalls. Special emphasis is placed on using tomographic multimodality imaging to increase both the sensitivity and specificity of radionuclide imaging. The aim of the second edition of this book is to update the first (published in 2013) by reflecting the changes in this rapidly evolving field. Particular attention is paid to the latest advances in the radionuclide imaging of infection and inflammation, including the expanding role of hybrid imaging with [18F]FDG PET/CT SPECT/CT, without neglecting new radiotracers proposed for the imaging of infection/inflammation. Written by respected experts in the field, the book will be an invaluable tool for residents in nuclear medicine, as well as for other specialists. This book covers typical imaging features of benign and malignant bone tumors in the hip and knee. Illustrative cases have been carefully selected from thousands processed at the Orthopedic Department of Beijing Jishuitan Hospital, which

holds a leading position in orthopedics in China. The chapters are organized by major bone tumour diseases: osteosarcoma, osteochondroma, Ewing sarcoma, bone metastases, etc. Comprehensive imaging information, including X-ray, CT and MRI, is presented in each chapter, and is accompanied by a brief clinical history, imaging findings, differential diagnoses, in-depth analysis and key insights from respected bone tumor specialists. Given its scope, the book offers a valuable guide for musculoskeletal radiologists, orthopedic surgeons, general radiologists, and oncologists alike. In this issue of Radiologic Clinics, guest editor Dr. Hillary W. Garner brings her considerable expertise to the topic of Imaging of Bone and Soft Tissue Tumors and Mimickers. Top experts provide timely articles on the imaging findings and other relevant clinical information of frequently encountered benign and malignant tumors of bone and soft tissue, in addition to separate reviews on common and potentially confusing tumor mimics. In addition, orthopaedic oncologists have contributed valuable perspectives on how they incorporate imaging information into their patient care plans. Contains 11 relevant, practice-oriented topics including bone tumors: what the oncology team wants to know; bone tumors: imaging features of common and rare benign entities; bone tumors: common mimickers; soft tissue tumors: what the oncology team wants to know; soft tissue tumors: common mimickers; bone and soft tissue tumors: horizons in radiomics and artificial intelligence; and more. Provides in-depth clinical reviews on imaging of bone and soft tissue tumors and mimickers, offering actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field. Authors synthesize and distill the latest research and practice guidelines to create clinically significant, topic-based reviews.

A clinician's visual guide to choosing image modality and interpreting plain films, ultrasound, CT, and MRI scans for emergency patients. This richly illustrated revised second edition provides a comprehensive survey of the growing role of medical imaging studies in the detection, staging, grading, tissue characterization, and post-treatment follow-up of soft tissue tumors. For each tumor group, imaging findings are correlated with clinical, epidemiologic, and histologic data. The relative merits and indications of various imaging modalities are discussed and compared. Particular emphasis is placed on MRI. The updated edition includes new chapters on soft tissue lymphoma, soft tissue tumors in the pediatric patient and biopsy of soft tissue tumors. It aims to serve both as a systematic, descriptive textbook and as a rich pictorial database of soft tissue masses. Ultrasound Elastography for Biomedical Applications and Medicine Ivan Z. Nenadic, Matthew W. Urban, James F. Greenleaf, Mayo Clinic Ultrasound Research Laboratory, Mayo Clinic College of Medicine, USA Jean-Luc Gennisson, Miguel Bernal, Mickael Tanter, Institut Langevin – Ondes et Images, ESPCI ParisTech CNRS, France Covers all major developments and techniques of Ultrasound Elastography and biomedical applications The field of ultrasound elastography has developed various techniques with the potential to diagnose and track the progression of diseases such as breast and thyroid cancer, liver and kidney fibrosis, congestive heart failure, and atherosclerosis. Having emerged in the last decade, ultrasound elastography is a medical imaging modality that can noninvasively measure and map the elastic and viscous properties of soft tissues. Ultrasound Elastography for Biomedical Applications and Medicine covers the basic physics of ultrasound wave propagation and the interaction of ultrasound with various media. The book

introduces tissue elastography, covers the history of the field, details the various methods that have been developed by research groups across the world, and describes its novel applications, particularly in shear wave elastography. Key features: Covers all major developments and techniques of ultrasound elastography and biomedical applications. Contributions from the pioneers of the field secure the most complete coverage of ultrasound elastography available. The book is essential reading for researchers and engineers working in ultrasound and elastography, as well as biomedical engineering students and those working in the field of biomechanics. 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 open access book focuses on imaging of the musculoskeletal diseases. Over the last few years, there have been considerable advances in this area, driven by clinical as well as technological developments. The authors are all internationally renowned experts in their field. They are also excellent teachers, and provide didactically outstanding chapters. The book is disease-oriented and covers all relevant imaging modalities, with particular emphasis on magnetic resonance imaging. Important aspects of pediatric imaging are also included. IDKD books are completely re-written every four years. As a result, they offer a comprehensive review of

the state of the art in imaging. The book is clearly structured with learning objectives, abstracts, subheadings, tables and take-home points, supported by design elements to help readers easily navigate through the text. As an IDKD book, it is particularly valuable for general radiologists, radiology residents, and interventional radiologists who want to update their diagnostic knowledge, and for clinicians interested in imaging as it relates to their specialty. A concise, case-based clinical resource on the topic of imaging in spinal trauma, highly illustrated throughout. Due to the multitude of bone and joint disorders and their symptomatic similarities, establishing a differential diagnosis is often problematic in daily practice. This book offers invaluable help by showing the diagnostic effectiveness of multimodality imaging across the entire spectrum of bone and joint disorders. Each clinical entity is presented as a unit, with succinct text on the left and high-quality, labeled images on the right. A consistent structure featuring pathology, clinical findings, radiology, nuclear medicine, MRI, and differential diagnosis offers quick access to the information you need for any given bone, joint, or soft tissue disease. More than 1,300 high-quality radiologic images and two-color drawings that allow you to visualize each disorder. Key information presented in just 404 pages, saving you the time and inconvenience of wading through large texts. Useful tables summarizing radiologic findings for each disorder.All-inclusive coverage, with in-depth treatment of such important areas as trauma. Through 145 clinically-relevant cases, Musculoskeletal Imaging Cases covers the full spectrum of imaging for this field. Part of the Cases in Radiology series, this book follows the easy-to-learn case format of question and answer, complete with concise summaries and a generous amount of top-quality images. Pathologies addressed in the cases include: arthritis, bone

and soft tissue tumors and tumor-like conditions, infection, trauma, internal derangement of joints, metabolic and hematologic disorders affecting the MSK system, bone marrow, infection, and pediatric problems. Within their sections, cases appear in a random order for the beneficial self-assessment experience of the reading cases as unknowns. Musculoskeletal Imaging Cases is ideal for the resident preparing for the boards, or the radiologist in need of a quick review. This book aims to provide readers with a sound understanding of the spectrum of radiologic appearances of bone tumors, which reflect histopathology, and the pattern analysis of imaging findings.The first part of the book explains basic concepts and diagnostic parameters, including demographics, lesion location, biological activity, matrix mineralization, and endosteal and periosteal reactions. In the second part, typical and atypical radiologic features of bone tumors are reviewed in detail, with emphasis on the characteristic radiographic and MR imaging findings and reference to schematic drawings and pathologic or operative images when appropriate.The third part focuses on problem solving in cases encountered in real radiology practice and identifies categorical patterns on the basis of radiographic and MR variables and lesion location. Informative cases are illustrated and compared to enhance understanding of differential diagnosis using pattern analysis. The final part of the book helps readers to consolidate what they have learned and to hone their diagnostic reasoning skills by presenting about 30 typical bone tumor cases with questions, answers, and commentary. This superbly illustrated book offers comprehensive and systematic coverage of the pitfalls that may arise during musculoskeletal imaging, whether as a consequence of the imaging technique itself or due to anatomical variants or particular aspects of disease. The first

section is devoted to technique-specific artifacts encountered when using different imaging modalities and covers the entire range of advanced methods, including high-resolution ultrasonography, computed tomography, magnetic resonance imaging and positron emission tomography. Advice is provided on correct imaging technique. In the second section, pitfalls in imaging interpretation that may occur during the imaging of trauma to various structures and of the diseases affecting these structures are described. Misleading imaging appearances in such pathologies as inflammatory arthritides, infections, metabolic bone lesions, congenital skeletal dysplasis, tumors and tumor-like conditions are highlighted, and normal variants are also identified. Pitfalls in Musculoskeletal Radiology will be an invaluable source of information for the practicing radiologist, facilitating recognition of pitfalls of all types and avoidance of diagnostic errors and misinterpretations, with their medicolegal implications. This volume presents a selection of clinical cases with the emphasis on tumors of bone and soft tissues. Case for case, the reader is supplied with information and invited to suggest a diagnosis. In each case the patient's history is briefly reviewed and characteristic images are reproduced. Special importance is attached to lucid analysis, basic considerations and systematic image interpretation. Each case is histologically verified, and the definitive diagnosis is betrayed on the last page. Case presentations closes with a concise summary of the important clinical data relating to the entity concerned. This authoritative yet eminently readable book is a practical guide to the analysis of the kind of complex orthopedic cases with which orthopedists and radiologists should become familiar. Soft tissue tumours are extremely common although difficult to understand due to a large number of sub-types, leading to a significant increase

in their imaging in the last decade. This highly illustrated practical book provides a simplified, systematic approach to imaging, reporting and diagnosing these tumours. It covers all the modalities with emphasis on ultrasound and MRI, along with the newer techniques in these modalities. This concise guide to soft tissue lesions, will help clinicians to quickly understand the spectrum of tumours and identify the appropriate imaging techniques to best serve their patients. Key Features: • Provides guidance by international experts on various types of soft tissue tumours (benign, malignant and tumour mimics), their relevant imaging features to help suggest specific or differential diagnosis and when to biopsy and when to refer to specialist centres. • Proves to be an excellent resource for general and specialist radiologists, radiology trainees, sonographers, sarcoma surgeons and oncologists for day-to-day reporting. • Discusses the importance of proper imaging and biopsy of tumors and the implications of unplanned excisions in sarcoma. This book helps readers to overcome the challenges encountered during the imaging diagnosis of soft tissue tumors due to their diversity and the significant overlap in imaging features between different tumors. It does so by fostering familiarization with typical findings and clearly explaining the pattern analysis of soft tissue tumors. The book opens with an overview of diagnostic considerations and discussion of the basic concepts of diagnostic imaging studies and histopathologic examinations. Grading and staging of soft tissue sarcomasare then described.In the second part of the book, radiologic features of soft tissue tumors are reviewed in detail, based on the 2013 WHO classification system.The third part summarizes diagnostic imaging clues, including characteristic imaging findings and radiologic signs that aid in specific diagnosis and differential diagnosis. The book closes

by presenting 30 typical cases of soft tissue tumors, with questions, answers, and commentary, in order to help readers to consolidate what they have learned and to hone their diagnostic reasoning skills. From the Palmer College of Chiropractic in Davenport, Iowa, this text for students and clinicians emphasizes plain film radiology of the skeletal system, chest, abdomen, brain, and spinal cord and integrating it with magnetic resonance imaging and computed tomography. Extensive, high-quality images and photographs are included. Soft tissue tumors (STTs) are frequently misdiagnosed in inexperienced hands. Having diagnosed and treated hundreds of patients with these difficult tumors in the last few years, Institut Curie physicians have collected core data contributing to breakthrough research into the morphological, biological, and molecular aspects of soft tissue tumors, resulting in valuable translational and clinical applications to patient treatment. Soft Tissue Tumors: A Multidisciplinary, Decisional Diagnostic Approach presents a distillation of these experiences, combined with valuable data and perspectives contributed by senior pathologists, oncologists, and radiologists from several of the world's other leading cancer centers of excellence. In this text an interdisciplinary team of specialists in radiology, surgery, and rheumatology presents a practical guide to imaging of the hand. Complete with detailed discussion of the complex anatomy, common diseases, and injuries of the hand, this text covers examination techniques and state-of-the-art imaging modalities, including multiline spiral CR, with 2-D displays and 3-D reconstructions, and contrast-enhanced MRI with multi-channel, phased-array coils.Designed to help clinicians develop the most effective strategies for their patients, Diagnostic Imaging of the Hand provides a systematic approach to understanding each disease, outlining

pathogenesis and clinical symptoms according to a graduated diagnostic plan. More than 1,000 crisp, high-quality images and line drawings, summary tables, handy checklists, and a heavily cross-referenced appendix of differential diagnoses make this text an ideal reference for the clinician seeking the most up-to-date information on how to diagnose and treat disorders of the hand. Practical. In-depth. Invaluable.A guide to the diagnosis of tumors and tumorlike lesions of bone and soft tissue using MRI.This unique encyclopedic guide takes the same approach you apply in clinical practice. It features fully illustrated differential diagnosis tables organized according to MRI findings and the locations of tumors. An in-depth reference section provides information on each lesion. In addition, almost 3000 highquality images make this practical text an invaluable tool in the diagnosis of common and rare tumors and other disorders of the musculoskeletal system.Features:- 20 differential diagnosis tables based on anatomic locations of lesions rather than disease- Fully illustrated reference chapters containing concise, detailed information for each lesionfrom relative frequency and age ranges to MRI findings, treatment, and prognosis- Over 2900 state-of-the-art illustrations covering the wide range of imaging features for various lesions- An exceptional level of detail, helping you to differentiate between diseases and conditions that have similar appearances- Extensive cross-referencing to further up-to-the minute resources This is the definitive guide to MRI of musculoskeletal tumors. Whether you need a practical guide for day-to-day use or a comprehensive preparation tool for board examinations -- keep this text close to the workstation. This pertinently illustrated and well referenced text serves as an up-to-date, attractive book of oncologic imaging for radiologists, oncologists, radiation therapists and others involved in

oncologic care. This volume, with chapter contributions from world-renowned experts, provides clinical and research information that underpins accurate interpretation and sensible use of cancer imaging. The book also highlights new developments and advances in oncologic imaging. Bone Tumors: A Practical Guide to Imaging is a concise guide to common tumors encountered by physicians in daily practice. The authors make use of high-yield facts, differential diagnoses, and extensive radiological images to introduce a wide range of bone tumors, focusing on their classic appearance and location in order to provide readers with a solid foundation of knowledge for tumor recognition and evaluation. The book includes explanations of methods for properly evaluating bone lesions, common imaging modalities used for diagnosis, and individual chapters covering different classes of benign and malignant tumors, including cartilage, osseous, fibrous, miscellaneous, and bone metastases. The book concludes with a comprehensive selection of 75 unknown cases, including brief clinical history, description of imaging findings, best differential diagnoses, and short discussion revealing the most likely diagnosis. Bone Tumors is an ideal resource for practicing physicians and residents in radiology, orthopedic surgery, pathology, and primary care. About the Authors Jim S. Wu, MD, is Assistant Professor of Radiology at Beth Israel Deaconess Medical Center, Harvard Medical School. Mary G. Hochman, MD, is Chief of the Section of Musculoskeletal Imaging and Assistant Professor of Radiology at Beth Israel Deaconess Medical Center, Harvard Medical School. This book focuses on applications of micro CT, CBCT and CT in medicine and engineering, comprehensively explaining the basic principles of these techniques in detail, and describing their increasing use in the imaging field. It particularly highlights the scanning procedure,

which represents the most crucial step in micro CT, and discusses in detail the reconstruction process and the artifacts related to the scanning processes, as well as the imaging software used in analysis. Written by international experts, the book illustrates the application of micro CT in different areas, such as dentistry, medicine, tissue engineering, aerospace engineering, geology, material engineering, civil engineering and additive manufacturing. Covering different areas of application, the book is of interest not only to specialists in the respective fields, but also to broader audience of professionals working in the fields of imaging and analysis, as well as to students of the different disciplines. By the late 1960s, the computer and television were linked to produce medical images that were as startling as Roentgen's original X-rays. Computerized tomography (CT) and magnetic reasonance imaging (MRI) made it possible to picture soft tissues invisible to ordinary X-rays. Ultrasound allowed expectant parents to see their unborn children. Positron emission tomography (PET) enabled neuroscientists to map the brain. In this lively history of medical imaging, the first to cover the full scope of the field from X-rays to MRI-assisted surgery, Bettyann Kevles explores the consequences of these developments for medicine and society. Through lucid prose, vivid anecdotes, and more than seventy striking illustrations, she shows how medical imaging has transformed the practice of medicine - from pediatrics to dentistry, neurosurgery to geriatrics, gynecology to oncology. Beyond medicine, Kevles describes how X-rays and the newer technologies have become part of the texture of modern life and culture. They helped undermine Victorian sexual sensibilities, gave courts new forensic tools, provided plots for novels and movies, and offered artists from Picasso to Warhol new ways to depict the human form. Due to parallel advances in signal processing

and computer hardware in the last 15 years, quantitative ultrasound techniques have reached maturity, allowing for the construction of quantitative maps or images of soft tissues. This book will focus on 5 modern research topics related to quantitative ultrasound of soft tissues: - Spectral-based methods for tissue characterization, tissue typing, cancer detection, etc.; - Envelope statistics analysis as a means of quantifying and imaging tissue properties; - Ultrasound elastography for quantifying elastic properties of tissues (several clinical ultrasound scanners now display elastography images); - Scanning acoustic microscopy for forming images of mechanical properties of soft tissues with micron resolution (desktop size scanners are now available); and - Ultrasound computer tomography for breast cancer imaging (new ultrasound tomography systems have been developed and are currently under evaluation clinically). A systematic treatise of tumors and tumor-like lesions occurring in bone and soft tissues. The introductory chapter presents the terminology, the basic principles for classification and diagnosis, the general principles of imaging, biopsy and histology, the staging system and evaluation of the surgical margins, the general principles of curettage, local adjuvants, en bloc resection and reconstruction, chemotherapy and radiotherapy. Each pathologic entity is described according to its epidemiology, localization, symptoms, imaging, gross pathology, histopathology, histogenesis and pathogenesis, differential diagnosis, course and stage, treatment and prognosis. Due to parallel advances in signal processing and computer hardware in the last 15 years, quantitative ultrasound techniques have reached maturity, allowing for the construction of quantitative maps or images of soft tissues. This book will focus on 5 modern research topics related to quantitative ultrasound of soft tissues: - Spectral-based

methods for tissue characterization, tissue typing, cancer detection, etc.; - Envelope statistics analysis as a means of quantifying and imaging tissue properties; - Ultrasound elastography for quantifying elastic properties of tissues (several clinical ultrasound scanners now display elastography images); - Scanning acoustic microscopy for forming images of mechanical properties of soft tissues with micron resolution (desktop size scanners are now available); and - Ultrasound computer tomography for breast cancer imaging (new ultrasound tomography systems have been developed and are currently under evaluation clinically). Musculoskeletal Imaging: The Requisites, 4th Edition delivers the conceptual, factual, and interpretive information you need for effective clinical practice in musculoskeletal imaging, as well as for certification and recertification review. Master core knowledge the easy and affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables - all completely rewritten to bring you up to date. Find key information easily with numerous outlines, tables, "pearls," and boxed material for easy reading and reference. Access the fully searchable text and downloadable images online at www.expertconsult.com. Get the best results from today's most technologically advanced approaches, including new uses of MR and ultrasound for early diagnosis and monitoring of inflammatory arthritis. Prepare for the written board exam and for clinical practice with critical information on femoroacetabular impingement, arthrography, hip replacement, cartilage tumors, bone marrow imaging (including focal and diffuse replacement), and sports medicine (including athletic pubalgia/sports hernia). Stay up to date on soft tissue tumors with significantly expanded content, illustrated tumor-specific findings, and new AJCC staging and diagnostic information. Clearly visualize the findings you're

likely to see in practice and on exams with 300 new MRI, CT, ultrasound, and x-ray images throughout. This is an extraordinary book by an extraordinary author. Mario Campa nacci first published three volumes on musculoskeletal neoplasms and other tu mor-like processes in hone and soft parts in Italian in 1981-1985. This book is an update and expansionofthat book, published for the firsttime in English. In this book Dr. Campanacci brings to the readers the vast experience in musculoskel etal oncology of the Rizzoli Orthopaedic Institute in Bologna where he has been head of the Oncology Unit for many years. As such, he has had at his disposal the patient records, radiographs and pathologic material dating back to 1905. In fact, a visitor to the Institute will be shown the radiograph made of the first tumor case on records-that of a giant cell tumor of the distal femur. The wealth of cli nical material that has accumulated at the Rizzoli Institute, with exquisite docu mentation and maintenance is a unique resource and testimonial to not only the author but his predecessors. Under Dr. Campanacci's leadership, the Institute has provided care to the majority of patients with neoplasms throughout Italy. Over the past two decades a treatment team with extraordinary ability in radi ology, imaging, pathology, chemotherapy, as well as orthopedic surgery has been assembled.

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