Specialty Imaging Hrct Of The Lung 2e

Kendig, Chernick’s Disorders of the Respiratory Tract in Children is the definitive medical reference book to help you confront critical challenges using the latest knowledge and techniques. You’ll get the state-of-the-art answers you need to offer the best care to young patients. Tackle the toughest challenges and improve patient outcomes with coverage of all the common and rare respiratory problems found in newborns and children worldwide. Get a solid foundation of knowledge to better understand and treat your patients through coverage of the latest basic science and its relevance to clinical problems. Get comprehensive, authoritative coverage on today’s hot topics, such as interstitial lung disease, respiratory disorders in the newborn, congenital lung disease, swine flu, genetic testing for disease and the human genome, inflammatory cytokines in the lung, new radiologic techniques, diagnostic imaging of the respiratory tract, and pulmonary function tests. Learn from the experts with contributions from 100 world authorities in the fields of pediatrics, pulmonology, neurology, microbiology, cardiology, physiology, diagnostic imaging, anesthesiology, otolaryngology, allergy, and surgery.

Revised to reflect the current cardiothoracic radiology curriculum for diagnostic radiology residency, this concise text provides the essential knowledge needed to interpret chest radiographs and CT scans. This edition includes nearly 800 new images obtained with state-of-the-art technology and a new chapter on cardiac imaging. A new patterns of lung disease section provides a one-stop guide to recognizing and understanding findings seen on thin-section CT. This edition also includes the new classification of idiopathic interstitial pneumonias, current techniques for evaluating solitary pulmonary nodules, an algorithm for managing incidental nodules seen on chest CT, the new World Health Organization classification of lung tumors, and numerous new cases in the self-assessment chapter.

A well-illustrated, systems-based primer on learning radiologic imaging Basic Radiology is the easiest and most effective way for medical students, residents, and clinicians not specializing in radiologic imaging to learn the essentials of diagnostic test selection, application, and interpretation. This trusted guide is unmatched in its ability to teach you how to select and request the most appropriate imaging modality for a patient’s presenting symptoms and familiarize yourself with the most common diseases that current radiologic imaging can best evaluate. Features: More than 800 high-quality images across all modalities A logical organ-system approach Consistent chapter presentation that includes: ---Recap of recent developments in the radiologic imaging of the organ system discussed ---Description of normal anatomy ---Discussion of the most appropriate imaging technique for evaluating that organ system ---Questions and imaging exercises designed to enhance your understanding of key principles Brief list of suggested readings and general references Timely chapter describing the various diagnostic imaging techniques currently available, including conventional radiography, nuclear medicine, ultrasonography, computed tomography, and magnetic resonance imaging An important chapter providing an overview of the physics of radiation and its related biological effects, ultrasound, and magnetic resonance imaging

Ideal for residents, practicing radiologists, and fellows alike, this updated reference offers easy-to-understand guidance on how to approach musculoskeletal MRI and recognize abnormalities. Concise, to-the-point text covers MRI for the entire musculoskeletal system, presented in a highly templated format. Thoroughly revised and enhanced with full-color artwork throughout, this resource provides just the information you need to perform and interpret quality musculoskeletal MRI. Includes the latest protocols, practical advice, tips, and pearls for diagnosing conditions impacting the temporomandibular joint, shoulder, elbow, wrist/hand, spine, hips and pelvis, knee, and foot and ankle. Follows a quick-reference format throughout, beginning with basic technical information on how to obtain a quality examination, followed by a discussion of the normal appearance and the abnormal appearance for each small unit that composes a joint. Depicts both normal and abnormal anatomy, as well as disease progression, through more than 600 detailed, high-quality images, most of which are new to this edition. Features key information boxes throughout for a quick review of pertinent material.

Specialty Imaging: PET - E-Book

The Unofficial Guide to Radiology

Chest Radiology

Basic Radiology, Second Edition

The Teaching Files

Felson's Principles of Chest Roentgenology E-Book

With an emphasis on practical diagnostic problem solving, Pathology of the Lungs, 3rd Edition provides the pulmonary pathologist and the general surgical pathologist with an accessible, comprehensive guide to the recognition and interpretation of common and rare neoplastic and non-neoplastic lung conditions. The text is written by two authors and covers all topics in a consistent manner without the redundancies or lapses that are common in multi-authored texts. The text is lavishly illustrated with the highest quality illustrations which accurately depict the histologic, immunohistochemical and cytologic findings under consideration and it is supplemented throughout with practical tips and advice from two internationally respected experts. The user-friendly design and format

allows rapid access to essential information and the incorporation throughout of relevant clinical and radiographic information makes it a complete diagnostic resource inside the reporting room. Approximately 1,000 high quality full color illustrations.Provides the user with a complete visual guide to each specimen and assists in the recognition and diagnosis of any slide looked at under the microscope. Comprehensive coverage of both common and rare lung diseases and disorders. One stop consultation resource for the reporting room or study, no need to go further to get questions answered. Clinical background and ancillary radiographs incorporated throughout.Provides the user with all of the necessary diagnostic tools to make a complete and accurate pathologic report. Practical advice and tips from two of the world’s recognized experts. Provides the trainee and general surgical pathologist with time saving diagnostic clues when dealing with difficult specimens. Consistent and uniform approach incorporated for each disease and disorder (Etiology, pathogenesis, clinical features, pathologic features, differential diagnosis) User-friendly format enables quick and easy navigation to the key information required. Extensive use of summary tables, charts and graphs throughout the text. Helps simplify and clarify complex concepts and facilitates “at a glance comparisons between entities. Extensive reference list highlights landmark articles as well as including most up-to-date citations. Directs the trainee and practitioner to the most recent and authoritative sources for further reading and investigation

This is the ideal resource for all those requiring an authoritative and up-to-date review of imaging appearances of diseases of the lung, pleura and mediastinum. Chest radiography and CT are integrated with other imaging techniques, including MRI and PET, where appropriate. The clinical and pathologic features of different diseases are provided in varying degrees of detail with more in depth coverage given to rarer and less well understood conditions. A single volume, comprehensive reference text on chest radiology.Provides in a single resource all of the information a generalist in diagnostic radiology needs to know. Concisely and clearly written by a team of 4 internationally recognized authors.Avoids the inconsistency, repetition, and unevenness of coverage that is inherent in multi-contributed books. Multimodality coverage integrated throughout every chapter.All of the applicable imaging modalities are covered in a clinically relevant, diagnostically helpful way. Approximately 3,000 high quality, good-sized images.Provides a complete visual guide that the practitioner can refer to for help in interpretation and diagnosis. Covers both common and uncommon disorders.Provides the user with a single comprehensive resource, no need to consult alternative resources. Access the full text online and download images via Expert Consult Access the latest version of the Fleischner Society's glossary of terms for thoracic imaging. Outlines, summary boxes, key points used throughout.Makes content more accessible by highlighting essential information. Brand new color images to illustrate Functional imaging techniques.Many of the new imaging techniques can provide functional as well as anatomic information. Introduction of a second color throughout in summary boxes in order to better highlight key information. There’s a wealth of key information in the summary boxes—will be highlighted more from the narrative text and will therefore be easier to access.

Practical tips on identifying anatomic variants and artefacts in order to avoid diagnostic pitfalls.Many misdiagnoses are the result of basic errors in correlating the anatomic changes seen with imaging to their underlying pathologic processes. Latest techniques in CT, MRI and PET as they relate to thoracic diseases. The pace of development in imaging modalities and new applications/refined techniques in existing modalities continues to drive radiology forward as a specialty. Emphasis on cost-effective image/modality selection.Addresses the hugely important issue of cost-containment by emphasizing which imaging modality is helpful and which is not in any given clinical diagnosis. COPD and Diffuse Lung Disease, Small Airway disease chapters extensively up-dated. Access the full text online and download images via Expert Consult Access the latest version of the Fleischner Society's glossary of terms for thoracic imaging.

Fundamentals of High Resolution Lung CT presents a simple and concise approach to the HRCT diagnosis of diffuse lung disease. It is simple and straightforward and covers similar material presented in “High-Resolution CT of the Lung”, in a brief and approachable format. The chapters and illustrations are based upon, and demonstrate, the fundamental observations, rules, shortcuts, thought patterns and differential diagnosis used in every day clinical practice. This content is intended to review your basic and practical understanding of the lung diseases commonly assessed using HRCT.

Practical and clinically focused, this Chest title in the new Teaching Files Series provides you with 200 interesting and well-presented cases and nearly 600 high-quality

images to help you better diagnose any disease of the chest. Experts in the field, Drs. Müller and Silva, use a logical organization throughout, making referencing difficult diagnoses easier than ever before. See how to make an informed diagnosis by reviewing 200 cases and nearly 600 high-quality images. Access the full text online at Expert Consult, including 100 extra cases, all of the book's illustrations, and links to Medline - for convenient referencing anytime, anywhere. Keep current in practice with discussions of the most up-to-date radiologic modalities and technologies. Find all the information you need about each case including Demographics/Clinical History, Findings, Discussion, Characteristic/Clinical Features, Radiologic Findings, Primary Differential Diagnosis, and Suggested Readings. See how to resolve challenging diagnostic questions by reviewing discussions of similar cases.

HRCT of the Lung
Imaging of Diseases of the Chest E-Book
Specialty Imaging
Diseases of the Heart, Chest & Breast 2011-2014
Expert Consult: Online and Print
Specialty Imaging: HRCT of the Lung E-Book

Packed with over 600 high quality illustrations, this practical handbook covers both the key principles of thoracic imaging, including the relevant principles, dose considerations, and radiological signs and their meaning, and the different pulmonary diseases.

Bronchiectasis is a hot topic in respiratory medicine, attracting an increasing amount of interest from clinicians, scientists, physiotherapists and the pharmaceutical industry. However, there is a lack of knowledge about the disease in terms of the research performed, clinical management, classification and patient treatment. The disease is also very complex because it can be caused by multiple underlying disorders, meaning its clinical presentation is highly diverse. This Monograph will tackle these issues by providing a series of chapters from recognised world experts covering: clinical management, service delivery, pathophysiology, microbiology and underlying disorders. The book also addresses the challenges faced in clinical trials and the need for drug development, and presents a number of clinical cases designed to aid learning. The Bronchiectasis Monograph substantially integrates the 2017 ERS guidelines on management of these patients. It is an essential reference for anyone caring for bronchiectasis patients or engaged in bronchiectasis research.

Popular for its easy-to-use format, Felson's Principles of Chest Roentgenology remains the must-have primer of chest radiology. With the inclusion of the latest imaging approaches and terminology, its unique programmed learning approach—presented in a highly interactive style—demystifies reading and interpreting radiologic images. High-quality images and diagrams are accompanied by multiple-choice review questions to reinforce key concepts. Additional online images plus self-assessment tests help you sharpen your skills and build confidence! Consult this title on your favorite e-reader! Quickly grasp the radiology fundamentals you need to know—including basic science, image interpretation, and terminology—with the popular "programmed learning" approach, which promotes fast learning and reference. Discern the nuances between modalities by comparing CT and MR images as well as traditional radiographs. View detailed clinical images covering all the image types you'll see on the boards including digital quality radiographs and an introduction of PET imaging, plus more advanced imaging such as CT and MRI than ever before. Test your skills and simulate the exam experience with updated content aligned with the new MCQ-format Board exam for easy preparation and review. Benefit the from more robust interactive offerings in an e-book format.

Many international experts collaborated in creating this groundbreaking work, a principal-coding system, and in developing reference films and imaging parameters for the International Classification of HRCT for Occupational and Environmental Respiratory Diseases. The book is an authoritative guide to the recognition of dust diseases of the lung, using radiological imaging techniques, with special emphasis on high-resolution computerized tomography (CT). The classification is a powerful, essential tool for recording patient data on CT in a globally standardized semiquantitative way. The system is also applicable to surveillance and screening for occupational and environmental respiratory diseases. The book is a valuable resource not only for radiologists but for all who work in occupational medicine and public health.

Pulmonary and Cardiovascular Radiology
Diagnostic Imaging
Netter's Advanced Head and Neck Flash Cards E-Book
Chest
Fundamentals of Body CT
Diagnostic and Surgical Imaging Anatomy

Authored by one of the world's pre-eminent authorities in its field, this book represents a single source of guidance on chest diagnostic imaging. It presents details for each diagnosis, representative images, case data and references.

This book is written as a system-based clinical-radiological review providing images from the latest available imaging modalities and covers all major diseases that are encountered in everyday clinical practice. A problem-orientated approach is used. Every chapter contains a collection of clinical cases, each with a short clinical description and initial imaging followed by pertinent questions regarding the imaging findings (colour coded in red outline). The second part of each chapter contains the case diagnosis, a discussion of the role of imaging in the presenting problem, a recommended sequence for further imaging evaluation, and illustrative examples of the same disease using different imaging modalities for further investigation. Images of conditions in the differential diagnosis are also provided (colour coded in blue outline). This textbook is written by experienced radiologists working in undergraduate and postgraduate medical education. It will serve as an ideal text for medical students and radiology trainees.

Netter's Advanced Head & Neck Anatomy Flash Cards are the perfect portable study tool for

quizzing yourself on key anatomic structures and clinical conditions of the head and neck. They accentuate the clinically relevant anatomy through beautiful Netter illustrations and new artwork in the Netter tradition, making for a fast and fun review at any stage of your healthcare career. Cards are cross-referenced to the parent text, Netter's Head and Neck Anatomy for Dentistry, 3rd Edition, and include much of the new art from the textbook. Beautiful, well-known Netter illustrations accentuate the clinically relevant anatomy. Includes additional Imaging, New Art, and Clinical Correlate cards. Perfect for quick, portable study for head and neck and dental anatomy courses. Allow you to quiz yourself on key anatomy terms and test your knowledge of classic presentations of disease.

Magnetic Resonance Imaging (MRI) is among the most important medical imaging techniques available today. There is an installed base of approximately 15,000 MRI scanners worldwide. Each of these scanners is capable of running many different "pulse sequences", which are governed by physics and engineering principles, and implemented by software programs that control the MRI hardware. To utilize an MRI scanner to the fullest extent, a conceptual understanding of its pulse sequences is crucial. Handbook of MRI Pulse Sequences offers a complete guide that can help the scientists, engineers, clinicians, and technologists in the field of MRI understand and better employ their scanner. Explains pulse sequences, their components, and the associated image reconstruction methods commonly used in MRI Provides self-contained sections for individual techniques Can be used as a quick reference guide or as a resource for deeper study Includes both non-mathematical and mathematical descriptions Contains numerous figures, tables, references, and worked example problems

Common Findings, Common Patters, Common Diseases and Differential Diagnosis

Pathology of the Lungs E-Book

Radiological English

Thoracic Imaging

Handbook of Imaging in Pulmonary Disease

Thoracic Radiology: The Requisites E-Book

HRCT of the Lung: Anatomic Basis, Imaging Features, Differential Diagnosis is part of the Specialty Imaging series published by Amirsys, a series of books that provides radiologists with focused, in-depth imaging data for radiologic specialties. With discussions of pertinent anatomy, diagnoses, and differential diagnoses from across the field of high-resolution imaging, this resource delves into the nuances inherent to this specific imaging modality. Concise, bulleted text makes this book efficient and easy to use. More than 1,200 images with comprehensive captions display both typical and variant findings on HRCT scans. An eBook online companion offers fully searchable text.

This book is a comprehensive and easy-to-read guide to pulmonary imaging. Medical Imaging is one of the cornerstones of modern medicine, and nowhere is this more apparent than pulmonary disease. We have come a long way from the days of chest radiography, though the chest radiograph still remains the single most common imaging test ordered worldwide. Pulmonary disease is now routinely evaluated with ultra-modern computed tomography (CT), magnetic resonance imaging (MRI) and positron emission tomography (PET) scanners, while ultrasonography plays a limited role in critical care and pleural/chest wall diseases. Rapid advancements in the sub-specialty of chest imaging and an exponential increase in the knowledge of pulmonary disease have led to an increasing demand for a comprehensive yet easily digestible handbook of pulmonary imaging, which prepackages knowledge in a form that can be easily understood and readily visualized with high-quality representative images. This book answers that need by providing the most important, relevant medical knowledge needed to handle pulmonary cases. It is divided into two sections, neoplastic disease and non-neoplastic disease. Chapters detail essential information about each disease, including presentation and the different modalities used to accurately diagnose and/or plan treatment. Major topics that are covered include bronchogenic carcinoma and other lung tumors, COPD, ILD, developmental lung disorders, pulmonary hypertension, and pulmonary infections. Each chapter includes extensive radiographic images to give a complete perspective on how these diseases present. Readers can easily see what the radiology of a particular disease entity looks like, what would be the differential diagnoses for a particular imaging abnormality, and compare the bullet review points associated with an image to their particular case. This is an ideal guide for general and thoracic radiologists, pulmonary, sleep medicine, and critical care specialists, thoracic surgeons, as well as residents and all clinicians who treat patients with pulmonary disease.

Addressing the basic concepts of radiological physics and radiation protection, together with a structured approach to image interpretation, Radiology at a Glance is the perfect guide for medical students, junior doctors and radiologists. Covering the radiology of plain films, fluoroscopy, CT, MRI, intervention, nuclear medicine, and mammography, this edition has been fully updated to reflect advances in the field and now contains new spreads on cardiac, breast and bowel imaging, as well as further information on interventional radiology. Radiology at a Glance: Assumes no prior knowledge of radiology Addresses both theory and clinical practice through theoretical and case-based chapters Provides structured help in assessing which radiological procedures are most appropriate for specific clinical problems Includes increased image clarity Supported by 'classic cases' chapters in each section, and presented in a clear

and concise format, Radiology at a Glance is easily accessible whether on the ward or as a quick revision guide.

This is an introductory book to radiological English on the basis that there are a lot of radiologists, radiology residents, radiology nurses, radiology students, and radiographers worldwide whose English level is indeterminate because their reading skills are much higher than their fluency. It is intended to help those health care professionals who need English for their work but do not speak English on a day-to-day basis.

Arthrography principles and practice in radiology

Bronchiectasis

Hrct of the Lung

Fundamentals of High-Resolution Lung CT

A Guide for Beginners

The Essentials

This thoroughly illustrated reference is a practical guide to the use of arthrography in conjunction with MRI and CT for accurate diagnosis of musculoskeletal injuries and diseases. The opening general principles section includes chapters on arthrographic appearance of arthritides, basic techniques, therapeutic injections, tenosynography, and ultrasound-guided aspiration. Subsequent sections focus on the shoulder, elbow, wrist, hip, sacroiliac joint, knee, ankle, and foot. Each section includes an explanation of arthrographic procedures and pitfalls; an atlas of relevant articular anatomy; diagnostic criteria and differential diagnoses for specific injuries and diseases; and a chapter on postoperative findings. The format features succinct, bulleted text and hundreds of illustrations with detailed legends. An eBook online companion offers fully searchable text.

Over the past 30 years high-resolution CT (HRCT) has matured to become an integral part of the multidisciplinary evaluation in diffuse lung disease. In this regard, Webb, Muller and Naidich's High-Resolution CT of the Lung, 6th Edition, is a 'gold standard' reference that aims to keep radiologists and pulmonologists alike at the cutting edge of the ever-evolving field of thoracic imaging. The new US-European author team continues the tradition of excellence which readers have come to expect while the underlying layout and ethos — established by the 'founding' author team — remain. The new edition aims to brings readers up to date not only with recent advances but also with the important conceptual changes in thinking in various fields of thoracic imaging. Also featured in this updated edition is authoritative guidance on HRCT findings and differential diagnosis, as well as the characteristics of the common lung diseases assessed using HRCT, all enhanced by a multitude of new images and updated content throughout.

Now fully revised and up-to-date, Expert DDx: Chest, second edition, quickly guides you to the most likely differential diagnoses based on key imaging findings and clinical information. Expert radiologists Melissa L. Rosado-de-Christenson, Brett W. Carter, and John P. Lichtenberger III present more than 120 cases across a broad cardiothoracic spectrum, classified by general imaging features, modality-specific findings, and clinically-based indications. Readers will find authoritative, superbly illustrated guidance for defining and reporting useful, actionable differential diagnoses that lead to definitive findings for the entire gamut of chest disorders. Presents several clear, sharp, succinctly annotated images for each diagnosis (more than 1,800 annotated images in all); a list of diagnostic possibilities sorted as common, less common, and rare but significant; and brief, bulleted text offering helpful diagnostic clues Shows both typical and variant manifestations of each possible diagnosis Includes new cases, expanded differential considerations, new terminology, and updated imaging throughout Features all relevant imaging modalities, including chest radiography, the latest generation of multi-planar advanced cross-sectional CT and MR imaging, and molecular imaging with FDG PET/CT Covers new and evolving areas such as lung cancer screening and the localization and classification of mediastinal lesions, and contains expanded content on the heart and pericardium

Praise for this book:This book is highly recommended and should find its way onto the library shelf of every neuroradiology section.--American Journal of NeuroradiologyAuthoritative and lavishly illustrated, this best-selling reference returns in a fourth edition with comprehensive coverage of the current imaging strategies for the evaluation of disease processes affecting the temporal bone and its intricate anatomy. New in this edition is a highly practical how-to chapter that presents imaging modalities and technical parameters for CT and MRI as well as an overview of the role of plain film radiography, ultrasound, PET, and PET/CT. The chapter then addresses major clinical indications, providing step-by-step descriptions of how to protocol each case, how to interpret the studies, and how to report findings. The remaining chapters thoroughly cover specific anatomic areas of the temporal bone separately. Each chapter places special emphasis on gaining a solid foundation of the normal anatomy and anatomic variations. It then discusses imaging protocols and image evaluation for specific clinical problems. Highlights: Practical discussion of standard techniques, protocols, and special considerations for imaging using CT and MRI In-depth coverage of both common and rare conditions Clinical insights from international authorities in the field More than 1,500 high-quality illustrations and images, including CT, MRI, and vascular images using CTA, MRA, and conventional catheter angiography This book is an essential reference for a multidisciplinary approach to assessing diseases affecting the temporal bone.

It is an ideal resource for all radiologists, neuroradiologists, head and neck radiologists, and residents in these specialties. It is also valuable for otolaryngologists, otologists, and head and neck surgeons.
Computed Body Tomography with MRI Correlation
From Image to Diagnosis
Artificial Intelligence in Medical Imaging
Specialty Imaging: Temporomandibular Joint E-Book

Imaging of the Temporal Bone

This book provides a thorough overview of the ongoing evolution in the application of artificial intelligence (AI) within healthcare and radiology, enabling readers to gain a deeper insight into the technological background of AI and the impacts of new and emerging technologies on medical imaging. After an introduction on game changers in radiology, such as deep learning technology, the technological evolution of AI in computing science and medical image computing is described, with explanation of basic principles and the types and subtypes of AI. Subsequent sections address the use of imaging biomarkers, the development and validation of AI applications, and various aspects and issues relating to the growing role of big data in radiology. Diverse real-life clinical applications of AI are then outlined for different body parts, demonstrating their ability to add value to daily radiology practices. The concluding section focuses on the impact of AI on radiology and the implications for radiologists, for example with respect to training. Written by radiologists and IT professionals, the book will be of high value for radiologists, medical/clinical physicists, IT specialists, and imaging informatics professionals.

Part of the highly regarded Specialty Imaging series, this unique title by Dr. Melissa L. Rosado-de-Christenson clearly presents the imaging features of all thoracic neoplasms (including those affecting the cardiovascular system) as well as staging of malignancies and patterns of metastatic spread in a single, convenient volume. An easy-to-read bulleted format and state-of-the-art imaging examples guide you step by step through every aspect of the field, including invasive diagnostic and therapeutic procedures. This book is an ideal resource for radiologists, pulmonary medicine physicians, thoracic surgeons, thoracic oncologists, and radiation oncologists - anyone who must distinguish lung cancer and thoracic metastases from less common malignant and benign neoplasms. Superb illustrations highlight comprehensive coverage of imaging manifestations of all benign and malignant thoracic neoplasms, including lesions in the lung, mediastinum, thymus, esophagus, cardiovascular system, pleura, and chest wall Introductory chapters discuss the various imaging modalities used in diagnosing and evaluating thoracic neoplasms, up-to-date imaging terminology, and the imaging signs that suggest neoplasia Thorough coverage of lung cancer offers authoritative guidance on screening, specific manifestations of various cell types, issues of staging, various tissue-sampling methods, missed lung cancer, lung cancer mimics, and imaging follow-up of treated lung cancer High-quality images and succinct text depict patterns of thoracic metastatic spread of several important malignancies, navigational bronchoscopy and image-guided biopsy, imaging manifestations of treated patients, and other key topics A time-saving bulleted format distills essential information for fast and easy comprehension

Written by renowned experts in chest imaging, Chest Imaging Case Atlas, Second Edition enables radiology residents, fellows, and practitioners to hone their diagnostic skills by teaching them how to interpret a large number of radiologic cases. This atlas contains over 200 cases on conditions ranging from Adenoid Cystic Carcinoma to Wegener Granulomatosis. Each case is supported by a discussion of the disease, its underlying pathology, typical and unusual imaging findings, management, and prognosis, providing a comprehensive overview of each disorder.Special Features of the Second Edition: Over 1500 high-quality images demonstrating normal and pathologic findings and their variations More multiplanar, CT angiographic (CTA), MRI, and 3D imaging is incorporated into the text, helping readers stay current with this rapidly changing technology 40 new cases and updated images in cases from the previous edition A new post-thoracotomy chest section addresses normal post-operative findings and complications associated with common thoracic interventional procedures The neoplastic diseases section includes the new TNM staging system for lung cancer The adult cardiovascular disease section now contains a discussion on univentricular and biventricular or end-stage heart failure including various ventricular assist devices and the Total Artificial Heart, their imaging features, and complications associated with their use The diffuse lung disease section has been expanded to include an approach to HRCT interpretation Case discussions are based on up-to-date reviews of current literature as well as classic landmark articles Pearls are provided to describe the features that may strongly support a specific diagnosis, enabling readers to sharpen their clinical diagnostic skills This book is an invaluable illustrated reference that all physicians in radiology and chest imaging in particular, including pulmonary medicine physicians and thoracic surgeons, should have on their bookshelf.

I read the book for enjoyment and pleasure, as well as enlightenment. It was a delightful learning experience.--Thomas Lee Bucky, MDThis book teaches radiology in a way that mimics a lively setting on the wards. To have fun in learning the theoretical basis of imaging and the

interpretation of radiographs and other modalities, in the context of clinical examination and findings, this is the book for you.The basics of imaging are described using analogies from daily life to make them as understandable and memorable as possible. The material of radiology is described using actual cases; the most common differential diagnoses are presented. A great amount of image material supports the learning process.A storyline runs through the book: four students in their final year of medical school are involved in active discussion of the cases, so that the reader also feels a part of the diagnostic process.

International Classification of HRCT for Occupational and Environmental Respiratory Diseases

Diagnostic Imaging and Interventional Techniques

Thoracic Radiology

Chest Imaging Case Atlas

Chest, abdomen, pelvis

Case Studies in Medical Imaging

This volume of the landmark Diagnostic and Surgical Imaging Anatomy series combines a rich pictorial database of high-resolution images and lavish, 3-D color illustrations to help you interpret multiplanar scans with confidence. The book brings you close up to see key structures with meticulously labeled anatomic landmarks from axial, coronal, and sagittal planes. Contents include 250 detail-revealing 3-D color illustrations, 2,000 high-resolution digital scans, and at-a-glance imaging summaries for the chest, abdomen, and pelvis.

This book offers a comprehensive overview of all major pathologic conditions involving the lung and mediastinum and the related diagnostic procedures. Oncologic and non-oncologic conditions are reviewed and described in detail, featuring, besides normal anatomy, also high quality images from several modalities (including X-ray, CT, MR and PET), as well as b/w and color illustrations and line drawings. Complications associated with surgical and oncological treatments are also presented in detail with extensive imaging examples. The book provides a thorough coverage of the topic of thoracic imaging, yet considering a concise and synthetic approach essential to optimal learning. The book will be a useful reference guide for the everyday clinical practice of young radiologists, residents and medical students.

Specialty Imaging: Temporomandibular Joint offers expert insight into modern imaging of the temporomandibular joint by employing a multifaceted, multispecialty viewpoint of this difficult to understand joint. Image-rich content combines with easy-to-read text, bringing together the clinical perspectives and imaging expertise of today's research specialists. Includes extensive, in-depth explanations of the underlying mechanisms of normal vs. abnormal temporomandibular joints and how those present on radiographic imaging. Provides coverage of hot topics such as understanding the temporomandibular joint through biomechanical engineering, structure/function of the temporomandibular joint in normal and pathologic joints, and clinicoradiological correlation of temporomandibular joint findings. Details anatomic and functional interrelationships in conjunction with radiology.

Written by internationally renowned experts, this volume deals with imaging of diseases of heart, chest and breast. The different topics are disease-oriented and cover all the relevant imaging modalities, including standard radiography, CT, nuclear medicine with PET, ultrasound and magnetic resonance imaging, as well as imaging-guided interventions. This book presents a comprehensive review of current knowledge in imaging of the heart and chest , as well as thoracic interventions and a selection of "hot topics" of breast imaging. It will be particularly relevant for residents in radiology, but also very useful for experienced radiologists and clinicians specializing in thoracic disease and wishing to update their knowledge of this rapidly developing field.

Handbook of MRI Pulse Sequences

Chest, Abdominal, Orthopaedic X Rays, Plus CTs, MRIs and Other Important Modalities

Kendig and Chernick's Disorders of the Respiratory Tract in Children E-Book

ExpertDDx: Chest

Webb, Müller and Naidich's High-Resolution CT of the Lung

Getting Started in Clinical Radiology

Grundlæggende lærebog om CT og MRI og disses anvendelse iforbindelse med undersøgelser af kroppens organer. Først beskrives principperne bag CT-teknik og MRI, og derefter gennemgåes undersøgelser af kroppens organer systematisk. Bogen beskriver både normale og abnorme fund med tekst og billeder og giver instruktioner i, hvorledes man optimerer billedkvalitet, -analyse, og -fortolkninger, samt undgår de mest almindelige fejlfortolkninger.

The first text to offer complete, diagnosis-centered guidance on the effective use of emerging PET technology, Specialty Imaging: PET is a one-stop resource, expertly tailored to your decision support needs at the point of care. This accessible reference covers everything you need to know about the key role of PET in the complex field of precision medicine in areas including oncology, cardiac, infection and inflammation, vascular, breast, neurological, musculoskeletal, gastrointestinal, neuroendocrine, and many other specialties. With a practical, clinically oriented focus, it brings you fully up-to-date with research-based information on PET and how PET has resulted in radically new treatment approaches based on an immediate and molecular response to therapy. Features 1,600 high-quality images with captions and annotations for interpretive guidance, with illustrations including PET, with correlative CT and MR images depicting radiologic imaging findings Presents all diagnoses consistently, using a highly templated format with bulleted text for quick, easy reference Includes chapters in expert interpretation, artifacts, and common pitfalls Provides a wide range of essential information such as oncologic PET diagnoses with staging tables and reporting tips; cardiac PET indications including stress tests, cardiac viability, and sarcoidosis; CNS PET indications including dementia, epilepsy, and oncology; and educational, illustrated PET cases including correlative CT and MR Covers PET physics and instrumentation and current clinical and emerging PET radiotracers in table format Ideal for clinicians who care for cancer patients (nuclear medicine radiologists, radiation oncologists, oncologists, oncology surgeons, and trainees in nuclear medicine and oncology), as well as those who interpret PET for a wide variety of indications

Covers the most recent advances in CT technique, including the use of multislice CT to diagnose chest, abdominal, and musculoskeletal abnormalities, as well as the expanded role of 3D CT and CT angiography in clinical practice. Highlights the information essential for interpreting CTs and the salient points needed to make diagnoses, and reviews how the anatomy of every body area appears on a CT scan. Offers step-by-step instructions on how to perform all current CT

techniques. Provides a survey of major CT findings for a variety of common diseases, with an emphasis on those findings that help to differentiate one condition from another.

As part of the successful THE REQUISITES series, the second edition of Thoracic Radiology: The Requisites, by Theresa McLoud, MD and Phillip Boiselle, MD, presents the most essential information you need to know about chest radiology, including some of the more recent techniques in chest imaging such as CTA and PET imaging. Its concise and up-to-date coverage prepares you for examinations and clinical practice. Abundantly illustrated with over 800 images and covering all functional units of chest organs, this book discusses diagnostic imaging of the most frequently seen problems and the interventional techniques performed in thoracic radiology. Find what you need quickly and easily – Numerous tables, charts and boxes summarize clinical features, pathology and radiographic signs to reinforce important techniques. See imaging findings as they appear in practice covering the full array of thoracic conditions. Get all you need to know from this comprehensive yet concise source which contains the essential principles that residents and practitioners need to know. Keep up with cutting-edge topics such as the new classification of interstitial pneumonias, the impact of helical CT in diagnosing pulmonary embolism, CT angiography, computed radiography, three-dimensional imaging of the airways, and emerging infections and bioterrorism infectious agents,. Expand your understanding of PET imaging and pulmonary vascular abnormalities, as well as many other topics, with updated and enhanced chapters that feature new images throughout.

Specialty Imaging: Thoracic Neoplasms E-Book

Radiology at a Glance

Radiology for Students and Trainees

Anatomic Basis, Imaging Features, Differential Diagnosis

Musculoskeletal MRI E-Book

Opportunities, Applications and Risks

Specialty ImagingHrct of the LungElsevierSpecialty Imaging: HRCT of the Lung E-BookElsevier Health Sciences

Thoracic Imaging, Second Edition, written by two of the world's most respected specialists in thoracic imaging, is the most comprehensive text-reference to address imaging of the heart and lungs. Inside you'll discover the expert guidance required for the accurate radiologic assessment and diagnosis of both congenital and acquired cardiovascular and pulmonary diseases. New topics in this edition include coronary artery CT, myocardial disease, pericardial disease, and CT of ischemic heart disease. This edition has a new full-color design and many full-color images, including PET-CT. A companion website will offer fully searchable text and images.

Part of the highly regarded Specialty Imaging series, this fully updated second edition by Drs. Santiago Martínez-Jiménez, Melissa L. Rosado-de-Christenson, and Brett W. Carter, reflects the many recent changes in HRCT diagnostic interpretation. An easy-to-read bulleted format and state of the art imaging examples guide you step-by-step through every aspect of thin-section CT and HRCT in the evaluation of patients with suspected lung disease. This book is an ideal resource for radiologists who need an easily accessible tool to help them understand the indications, strengths, and limitations of HRCT in their practice. Superb illustrations with comprehensive captions display both typical and variant findings on HRCT scans Introductory sections are specifically designed to lead the general radiologist to differential diagnoses from specific imaging findings, pathologic patterns, or from the disease/pathology itself Time-saving bulleted format distills essential information for fast and easy comprehension Updated content includes changes in HRCT interpretation and novel disease processes such as DIPNECH, new classification of idiopathic interstitial pneumonias, airway-centered interstitial fibrosis, light-chain deposition disease, and interstitial pneumonia with autoimmune features (IPAF) Fully revised throughout with new references, images, and histopathologic correlations