

Imaging Of Pediatric Chest An Atlas

Chest Imaging presents a comprehensive review of thoracic pathologies commonly encountered by practicing radiologists and residents in training. The volume covers topics including: Common Abnormalities, Emergency Radiology, Pleural Disease, Infections, Neoplasms, and Airway Disease. Each section begins with an overview chapter that orients the reader to the concerns and issues related to imaging in the specific anatomic region or category. Part of the Rotations in Radiology series, this book offers a guided approach to imaging diagnosis with examples of all imaging modalities complimented by the basics of interpretation and technique and the nuances necessary to arrive at the best diagnosis. Each chapter contains a targeted discussion of a pathology which reviews the definition, clinical features, anatomy and physiology, imaging techniques, differential diagnosis, clinical issues, key points, and further reading. This book is a must-read for residents and practitioners in radiology seeking refreshing on essential facts and imaging abnormalities in thoracic imaging.

This practical book is ideal for readers who want to rapidly determine the appropriate imaging for pediatric patients. The text provides a concise and accessible summary of the literature on how and when to use imaging studies. Chapters address the essentials, such as cost-effectiveness, and are written in collaboration by renowned specialists in the fields of pediatrics and pediatric radiology. Topics cover common clinical scenarios in neuroimaging and musculoskeletal, chest, and abdominal imaging. Each imaging recommendation is presented along with the supporting data and the strength of the evidence.

Designed specifically to help you succeed on the Core Exam, Pediatric Imaging: A Core Review covers all key aspects of pediatric imaging, mimicking the image-rich, multiple-choice format of the actual test. Ideal for residents getting ready for the Core Examination, as well as practitioners taking recertification exams, this one-of-a-kind review follows the structure and content of what you'll encounter on the test, effectively preparing you for Core Exam success!

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. Pediatric Thoracic Imaging is the first comprehensive text to focus on all aspects of pediatric congenital and acquired thoracic disorders. This text is an essential reference for pediatric radiologists, those in training and of special interest to general radiologists as well as clinicians in different pediatric medical specialties. Skillfully written by Dr. Edward Y. Lee, current President of the ISPTI (International Society of Pediatric Thoracic Imaging) of Boston Children's Hospital and Harvard Medical School with the added international perspective of five associate editors, it is an authoritative encyclopedia of diseases/disorders with more than 2,000 high-quality images of radiography, ultrasound, CT, MRI, nuclear medicine and more.

Pediatric Radiology
Advances in Pediatric Thoracic Imaging
Fundamentals of Pediatric Radiology
Imaging in Pediatric Pulmonology

Because of the number and variety of illnesses that can affect the pediatric respiratory system, being able to interpret thoracic images of children is important for the general radiologist. This issue of Radiologic Clinics starts off with an overview of lung and pleural infections. Reviews of small and large airway diseases are followed by separate articles on the uses of ultrasound, MR, and nuclear medicine to image pediatric patients. Also included are articles on lung and vascular anomalies, thoracic trauma, and cardiac disease. The issue is completed with articles on fetal lung imaging and radiation safety.

This third edition of Pediatric Radiology—a volume in The Requisites in Radiology series—covers everything from basic principles of interpreting diagnostic imaging studies through cutting-edge techniques. Expert authors Johan G. Blickman, MD, PhD and Patrick D. Barnes, MD are now joined by Bruce R. Parker, MD to provide the latest advances in pediatric radiology in a convenient, quick-access format with high-quality images. This edition features a greater emphasis on differential diagnosis, neuron functional imaging, and coverage of the dynamic topic of cardiac MR. You'll have everything you need to succeed in radiology examinations, subspecialty rotations, and clinical practice. Provides comprehensive yet concise coverage of the core material fundamental to this subspecialty for learning and quick reference. Presents material in a logical anatomic sequence, organized by organ system with eight chapters covering an overview of pediatric imaging, chest, heart, gastrointestinal tract, accessory organs of digestion, genitourinary tract, the skeletal system, and neuroimaging. Features a multi-modality approach to provide you with the most common imaging approaches tailored to each organ system. Emphasizes that pediatric diagnosis is a distinct specialty, as opposed to an aberration from standard adult diagnosis. Includes tables, boxes, pearls, key concepts, and differential diagnosis throughout the text to make key material accessible and easy to reference. Presents expanded coverage-by more than 20%-on the basics of interpreting diagnostic imaging studies of infants and children so you get an even more comprehensive guide that still maintains its concise format. Reflects the advances and changes in the field through extensive updates to many of the images and all the chapters, tables, boxes, FAQs, and Pearls & Pitfalls. Provides new insights from additional co-author Bruce R. Parker, MD—a respected authority in the field—for new approaches to the material. Features an increased emphasis on neuron functional imaging to highlight the recent developments in this area. Includes more differential diagnosis and integrates the diagnosis of emergency conditions throughout out the text so you can quickly and easily identify conditions accurately. Captures the prominent and fast-moving area of cardiac MR to keep you abreast of hot new technologies.

Every page crafted by a collaborative team of pediatricians and pediatric radiologists, this unique title by Drs. A. Carlson Morrow, Jr. and Selena Hariharan is a practical, superbly illustrated reference designed specifically for today's pediatrician. An ideal roadmap to the fast-changing landscape of diagnostic imaging tests, Imaging in Pediatrics not only guides you through the radiologic work-up of common pediatric disorders, but also translates the appearance and language of the work-up results for more effective communication between the pediatrician and the radiologist, resulting in enhanced understanding and better patient care. Uses easy-to-read, bulleted text to highlight the most important facts about each disorder and its associated etiology, imaging work-up, clinical manifestations, and therapy. Covers 248 diagnoses likely seen in practice, logically organized by anatomic region. Helps you determine which studies to order and demonstrates and explains typical findings in accessible language. Provides expanded coverage of key topics, including the imaging work-up of appendicitis that relies on ultrasound and MR over CT; new guidelines on vesicoureteral reflux and urinary tract infections; up-to-date recommendations on imaging in nonaccidental trauma, foreign body removal, and obesity-related diseases; revised nomenclature on pediatric lung diseases, vascular malformations, and neoplasms; and guidance on limiting the use of ionizing radiation in evaluating pediatric diseases. Includes an imaging glossary, introductory prose chapters with general guidelines on imaging specific organ systems, and numerous illustrations depicting complex anatomic and pathologic relationships of individual entities.

The highest-yield, most complete pediatric radiology exam preparation and learning tool available today Top 3 Differentials in Pediatric Radiology by renowned pediatric radiologist Rebecca Stein-Wexler and colleagues is part of a series of radiology case books that mirror the highly acclaimed O'Brien classic, Top 3 Differentials in Radiology. Each case is formatted as a two-page unit. The left page features clinical images, succinctly captioned findings, and pertinent clinical history. The right page includes the key imaging gamut, differential diagnoses rank-ordered by the "Top 3," additional diagnostic considerations, and clinical pearls. This book includes an exceptionally diverse array of common and important gamuts encountered in pediatric radiology practice. It is organized into six sections: head and neck imaging; chest, cardiac, and airway imaging; gastrointestinal imaging; genitourinary imaging; musculoskeletal imaging; and brain and spine imaging. Each section begins with a series of differential-based cases and concludes with important "Roentgen Classics" – cases with imaging findings characteristic of a single diagnosis. Key Highlights More than 500 high-quality images enhance diagnostic skills Approximately 800 pathological processes/differentials encompassed in 194 high-yield cases Concise discussion highlights key clinical and imaging manifestations for each important differential diagnosis An appendix and list of differential diagnoses serve as a curriculum guide for trainees and educators alike This volume provides an exceptionally robust board review and is equally invaluable for clinical practices focused on pediatric radiology. It is a must-have resource for radiology residents, pediatric radiology fellows, and staff radiologists preparing for the ABR core, certifying, and pediatric CAQ exams. It is also an essential tool for radiologists, pediatricians, and surgeons who order or interpret pediatric imaging tests.

Chest Imaging in Infants and Children
Imaging of Pediatric Chest - An Atlas
Radiology Illustrated: Pediatric Radiology
Pearls and Pitfalls in Pediatric Imaging
IAP Textbook of Pediatric Radiology

This third edition of Pediatric Radiology—a volume in The Requisites in Radiology series—covers everything from basic principles of interpreting diagnostic imaging studies through cutting-edge techniques. Expert authors Johan G. Blickman, MD, PhD and Patrick D. Barnes, MD are now joined by Bruce R. Parker, MD to provide the latest advances in pediatric radiology in a convenient, quick-access format with high-quality images. This edition features a greater emphasis on differential diagnosis, neuron functional imaging, and coverage of the dynamic topic of cardiac MR. You'll have everything you need to succeed in radiology examinations, subspecialty rotations, and clinical practice. Provides comprehensive yet concise coverage of the core material fundamental to this subspecialty for learning and quick reference. Presents material in a logical anatomic sequence, organized by organ system with eight chapters covering an overview of pediatric imaging, chest, heart, gastrointestinal tract, accessory organs of digestion, genitourinary tract, the skeletal system, and neuroimaging. Features a multi-modality approach to provide you with the most common imaging approaches tailored to each organ system. Emphasizes that pediatric diagnosis is a distinct specialty, as opposed to an aberration from standard adult diagnosis. Includes tables, boxes, pearls, key concepts, and differential diagnosis throughout the text to make key material accessible and easy to reference. Presents expanded coverage—by more than 20%—on the basics of interpreting diagnostic imaging studies of infants and children so you get an even more comprehensive guide that still maintains its concise format. Reflects the advances and changes in the field through extensive updates to many of the images and all the chapters, tables, boxes, FAQs, and Pearls & Pitfalls. Provides new insights from additional co-author Bruce R. Parker, MD—a respected authority in the field—for new approaches to the material. Features an increased emphasis on neuron functional imaging to highlight the recent developments in this area. Includes more differential diagnosis and integrates the diagnosis of emergency conditions throughout out the text so you can quickly and easily identify conditions accurately. Captures the prominent and fast-moving area of cardiac MR to keep you abreast of hot new technologies.

This highly readable primer is designed to provide a quick overview of the fundamental information in pediatric imaging, techniques, and interpretation. Brief and to the point, it features short chapters and hundreds of illustrations for fast comprehension and retention of data. It emphasizes commonly encountered imaging scenarios and pediatric diseases, and practical differential diagnoses rather than long, comprehensive differential lists. Intended for quick access, this new manual condenses the must-know information in pediatric radiology into one convenient volume. Easily written for quick comprehension Short chapters cover core information for speedy access to key concepts Excellent illustrations make the book useful Excellent chapters on paediatric chest, and on paediatric neuro-imaging

Pediatric Radiology: The Requisites focuses on new and emerging trends in pediatric imaging, with expanded content in all core clinical areas. The authors are prominent pediatric radiologists with extensive clinical experience in each of the subspecialty areas covered. Ideal for all radiology residents and practitioners, including specialists and any general radiologist who images children, this book also features coverage of the increasingly important aspects of communication and interpersonal relations with the patient, family, and members of the entire healthcare team. Provides comprehensive yet concise coverage of the core material fundamental to this subspecialty. Presents material in a logical anatomic sequence, organized by organ system. Features a multi-modality approach, providing the most common imaging techniques tailored to each organ system. Includes tables, boxes, pearls, key concepts, and differential diagnosis throughout the text to make key material accessible and easy to reference. Features expanded coverage of new and emerging imaging trends, including state of the art imaging techniques, dose optimization, the roles of the child life specialist and anesthesiologist in pediatric imaging, and the importance of effective communication in pediatric imaging. Focuses on team-based patient care with coverage of the increasingly important aspect of interpersonal relations with the patient, family, and members of the healthcare team. Crucial differences between pediatric and adult imaging are emphasized within each major organ system. Highlights key concepts of pediatric imaging, with special attention paid to dose optimization and the ALARA principle. Includes the newest imaging safety standards surrounding children, focusing on safe radiation dosing and optimization of imaging via lower radiation doses. Provides updated imaging approaches and illustrations of newer techniques applied in common pediatric conditions. 1,120 images clarify basic principles and offer expert image interpretation guidance.

Imaging of the pediatric chest continues to evolve rapidly – and this is reflected in the fact that all of the chapters in this second edition of the classic and superbly illustrated reference work have been extensively updated. Readers will find additional disease-specific information and numerous new illustrations. The role of advanced technology in the diagnosis of pediatric chest disorders is highlighted, special attention being paid to the technical aspects of modern imaging modalities, their indications, and the diagnostic information that they supply.

Diagnostic and Interventional Imaging
Pediatric Imaging Essentials
Differential Diagnosis in Pediatric Imaging
Diagnostic Atlas of Intrathoracic Tuberculosis in Children
Radiological Imaging of the Neonatal Chest

Chest sonography is an established procedure in the assessment of pulmonary and pleural disease, allowing the investigator to make an unequivocal diagnosis without exposing the patient to costly and stressful procedures. Since the second edition of this book, the value of chest sonography has been further demonstrated in many new studies, especially regarding the application of portable ultrasound stethoscope systems. The new edition presents the state of the art in chest investigation by means of ultrasonography and takes into account the results of the 1st International Consensus Conference on Pleural and Lung Ultrasound. The numerous excellent illustrations and the compact text provide concise and easy-to-assimilate information about the diagnostic procedure. Basic aspects such as indications, investigative techniques, and image artifacts are detailed in separate chapters, and new chapters have been included on emergency ultrasound of the chest and pediatric chest sonography.

Pediatric Radiology is a guided approach to effectively diagnosing 120 pathologies commonly encountered by pediatric radiologists and residents.

This fully updated second edition is a definitive guide to imaging and differential diagnosis for pediatric pulmonary diseases and disorders. This edition is fully updated to include coverage of the latest imaging and diagnostic techniques, modalities, and best practices. Beginning with clinical algorithms, chapters provide a framework for clinical diagnosis. This image-based text presents a comprehensive, multi-modality approach, with an emphasis on plain film and cross-sectional imaging. The imaging sections, including a new chapter on pediatric thoracic MRI, are correlated with pathology and clinical findings to help readers learn what the modality of choice can enable them to see. This information and guidance is applied directly to diseases and disorders seen in everyday practice, including pleural effusion, focal lung disorders, pulmonary hypertension, cystic fibrosis, and asthma, as well as a new chapter on pediatric pulmonary embolism. In addition, a new chapter on the genetics of pediatric lung disorders has been added. This essential guide gives pediatric pulmonologists and radiologists the information to identify the differentials by symptom complex, accordingly determine what test would be effective, how to proceed, and to essentially provide the best care for their patients.

Essential preparation for radiology exams, this collection of highly illustrated cases covers major and confusing problems, aiding recognition of key information.

A Guide for Low Income Countries
Caffey's Pediatric Diagnostic Imaging E-Book
Pediatric Imaging Cases
Pediatric Imaging
Diagnostic Imaging

This open access book focuses on diagnostic and interventional imaging of the chest, breast, heart, and vessels. It consists of a remarkable collection of contributions authored by internationally respected experts, featuring the most recent diagnostic developments and technological advances with a highly didactical approach. The chapters 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. As such, it presents a comprehensive review of current knowledge on imaging of the heart and chest, as well as thoracic interventions and a selection of "hot topics". The book is intended for radiologists, however, it is also of interest to clinicians in oncology, cardiology, and pulmonology.

For all radiologists diagnosing infants and children, knowledge of best practices in pediatric imaging is essential to safely obtaining high-quality images and achieving accurate diagnoses. This practical text covers current guidelines and key topics in the field, including choice of modality, equipment and dosages, child-specific diseases, typical imaging findings, differential diagnostic aspects, and safety factors. This book is invaluable for all clinicians and radiologists who diagnose and manage this sensitive population. Special Features: Explores the use of all standard imaging modalities in children as compared to adults, especially with regard to ultrasound, CT, and MRI Supplies more than 600 high-quality images to help in interpreting findings, including imaging of suspected child abuse Shows how to adapt examination protocols and equipment requirements for the specialized needs of pediatric patients Describes important safety protection measures in children utilizing the ALARA principle of radiation exposure (As Low As Reasonably Achievable) Summarizes a wide array of pediatric diseases and disorders in a concise, checklist format, including clinical features, imaging findings, differential diagnosis, associated syndromes, and treatment recommendations Includes lists of indications, summary tables, imaging protocols, case studies, and quiz questions to test your knowledge This book provides a fundamental understanding of imaging in infants and children and is an ideal, practice-oriented reference for residents, fellows in pediatric radiology, and general radiologists. It is also written for pediatricians, pediatric surgeons, and other interested doctors and specialists who want to know more about imaging specifics in the pediatric age group.

Featuring 150 cases and over 400 high-quality images, Pediatric Imaging Cases offers a complete survey of the field of pediatric radiology. Cases are formatted as questions and answers, allowing for self-assessment, complete with relevant radiologic findings, differential diagnoses, teaching points, further steps in management, and suggested further readings. Part of the Cases in Radiology series, this book offers a comprehensive overview of the clinical issues of pediatric radiology: cardiovascular system, gastrointestinal system, genitourinary system, spine, neuroradiology, chest and airway, and musculoskeletal system. Ideal for residents preparing for board exams as well as seasoned clinicians wishing to test their knowledge, Pediatric Imaging Cases provides a thorough investigation of the field.

As outlined by Dr. V. Donoghue in her preface, recent advances in the therapeutic manage ment of neonates with low gestational age have resulted in a significantly high er survival rate and better outcome for these newborns. Lung and heart malformations or acquired diseases represent a major part of the life threatening conditions in this group of critically ill patients, and radiological imaging is one of the main tools to define the appropriate therapeutic approach. This book not only provides an excellent update on the embryological and anatomical aspects of neonatal ehest conditions but also offers a unique and comprehensive overview of our current knowledge and of recent progress in imaging techniques of the neonatal ehest. Dr. Donoghue has been successful in engaging a number of outstandingly qualified international experts to contribute to this work, and I would like to congratulate her on the excellent coordination and editing of this book. I am confident that this outstanding volume will meet with great interest not only from general as well as specialised paediatric radiologists but also from neonatologists and paediatricians. I hope it will enjoy the same success as many previous volumes in this senes. Leuven ALBERT 1. BAERT Preface In the past two deeades there have been extraordinary advancees in the treatment of eritically ill neonates, resulting in improvements in their survival and a signifieant deerease in morbidity. Infants of very low gestational ages are now surviving.

Pediatric Thoracic Imaging
Chest Imaging
The Essentials
Chest Radiographic Interpretation in Pediatric Cardiac Patients
Pediatric Imaging: A Core Review

125 cases addressing real-life clinical problems Complete with the insights of leading pediatric radiologists, Teaching Atlas of Pediatric Imaging provides 125 cases that address the challenging real-life clinical problems that you are likely to encounter. Each chapter presents a different case with a complete patient work-up that includes clinical presentation, diagnosis, differential diagnoses, radiological and clinical findings, treatment summary and suggested readings. With a view to providing the opportunity for self-assessment, the authors omit the diagnosis from the first pages of each case to enable self-testing and review. Highlights: Easy-to-access arrangement of cases based on

on anatomy: head and neck, chest, heart, abdomen, pelvis, and the musculoskeletal system Coverage of a wide spectrum of diseases, from the very common to more important uncommon entities, including congenital heart disease, bone dysplasias and more Differential diagnoses for each case, as well as information on etiology, pathology, treatment, and complications Pearls and Pitfalls that help you identify important points and avoid errors in image interpretation Here is a valuable resource for the clinician at every level, from the resident preparing for the radiology board examinations, to the practitioner seeking the Certificate of Added Qualification in Pediatric Radiology, the general radiologist or pediatrician seeking a practical reference text.

Imaging of Pediatric Chest – An Atlas is a concise, highly illustrated atlas presenting state of the art diagnosis of paediatric chest disorders, using the latest imaging modalities. This book is comprised of thirteen chapters, beginning with guidance on the interpretation of a chest radiograph and the use of ultrasound in chest imaging. Subsequent chapters focus on specific chest conditions, detailing which imaging modalities produce the best results for each disorder, from neonatal respiratory distress to pulmonary infections and interstitial lung diseases. Modalities covered in Imaging of Pediatric Chest – An Atlas include chest radiography as the primary modality, CT scan in surgical conditions, and the use of ultrasound. With over 250 full colour images throughout the book, this is an ideal book for paediatricians and radiologists who wish to keep up to date with developments in the field. Key Points Concise, illustrated guide to diagnosing paediatric chest disorders using the latest imaging modalities Covers the use of radiography, computed tomography and ultrasound 252 full colour images

Imaging of the pediatric chest has changed significantly over the past 20 years. New technology has been introduced, and knowledge of pediatric chest diseases has expanded considerably. This book presents the state of the art in the diagnosis of pediatric chest disorders, highlighting the role played by advanced technology. Special attention is devoted to the technical aspects of the modern imaging modalities, their indications, and the diagnostic information that they supply. Some chapters focus on the use and role of individual modalities, while others address in detail specific disorders. Without exception, the authors are internationally known experts in the field. This superbly illustrated book, which is unique in covering all the essential aspects of pediatric chest imaging, will serve as an invaluable reference for all specialists who routinely image children as well as for those who need access to information on how best to image them!

Since the second edition of Pediatric Chest Imaging was published in 2007, there have been further significant advances in our understanding of chest diseases and continued development of new imaging technology and techniques. The third, revised edition of this highly respected reference publication has been thoroughly updated to reflect this progress. Due attention is paid to the increased role of hybrid imaging, and entirely new chapters cover topics such as interventional radiology, lung MRI, functional MRI, diffuse/interstitial lung disease, and cystic fibrosis. As in previous editions, the focus is on technical aspects of modern imaging modalities, their indications in pediatric chest disease, and the diagnostic information that they supply. Pediatric Chest Imaging will be an essential asset for pediatricians, neonatologists, cardiologists, radiologists, and pediatric radiologists everywhere.

Evidence-Based Imaging in Pediatrics

The Requisites

Improving the Quality of Imaging in Patient Care

Pediatric Uroradiology

Top 3 Differentials in Pediatric Radiology

From congenital or acquired problems in newborns to cardiovascular abnormalities in older children, this comprehensive text explains how to interpret chest radiographs and how to report that information in day-to-day practice. It steers readers through this often challenging area using numerous practical case examples, more than 1,000 quality radiographs, drawings and specimen photographs, straightforward explanations of findings, and the collective experience of several of the world's foremost experts on cardiac imaging and pediatric cardiology. After an introductory discussion of normal cardiac anatomy and imaging, the authors provide readers with a systematic approach to understanding chest images in children with congenital or acquired heart disease followed by useful bulleted synopses of basic pathologic features, clinical manifestations and radiographic findings.While the trend in recent decades has been toward increasingly sophisticated imaging modalities, this book successfully illustrates that there is still an extraordinary amount of diagnostic and therapeutic information to be found in chest x-rays.Features Multiple perspectives from imagers, cardiologists, and cardiac surgeons on the pathology of congenital heart disease High-resolution radiographs, detailed drawings, and specimen photographs vividly elucidate interpretative principles Summary of pediatric cardiovascular surgical procedures provides context and practical examples of what to expect when viewing post-operative chest radiographs This book will improve the accuracy and confidence of any radiologist, cardiologist, or clinician involved in the interpretation of pediatric chest imaging and is ideal for residents and fellows in radiology and pediatric cardiology.

This case-based atlas presents images depicting the findings typically observed when imaging a variety of common and uncommon diseases in the pediatric age group. The cases are organized according to anatomic region, covering disorders of the brain, spinal cord, head and neck, chest, cardiovascular system, gastrointestinal system, genitourinary system, and musculoskeletal system. Cases are presented in a form resembling teaching files, and the images are accompanied by concise informative text. The goal is to provide a diagnostic reference suitable for use in daily routine by both practicing radiologists and radiology residents or fellows. The atlas will also serve as a teaching aide and a study resource, and will offer pediatricians and surgeons guidance on the clinical applications of pediatric imaging.

This new volume of The Core Curriculum Series is an indispensable guide for radiology residents' pediatric rotations and an excellent study tool for written boards or recertification exams. Like other volumes of The Core Curriculum Series, the book focuses on one rotation area and covers the essential information readers need to do well on the boards. The book is organized by anatomic system and presents key information about evaluation of various diseases with all current imaging modalities. The user-friendly format includes hundreds of illustrations, margin notes, key review points, chapter outlines, tables, bulleted lists, boxed text, and an easy-to-follow layout. A bonus image bank CD-ROM contains all the images in the book. Users can view these images as JPG or PDF files, and can copy/paste or export the figures to programs such as PowerPoint.

Imaging of Pediatric Chest - An AtlasJP Medical Ltd

Practical Imaging Evaluation of Infants and Children

A Case Series

Pediatrics

Imaging in Pediatrics E-Book

Diseases of the Chest, Breast, Heart and Vessels 2019-2022

Complete with the insights of leading pediatric radiologists, Teaching Atlas of Pediatric Imaging provides 125 cases that address the challenging real-life clinical problems that you are likely to encounter. Each chapter presents a different case with a complete patient work-up that includes clinical presentation, diagnosis, differential diagnoses, radiological and clinical findings, treatment summary, and suggested readings. With a view to providing the opportunity for self-assessment, the authors omit the diagnosis from the first pages of each case to enable self-testing and review.Highlights: Easy-to-access arrangement of cases based on anatomy: head and neck, chest, heart, abdomen, pelvis, and the musculoskeletal system Coverage of a wide spectrum of diseases, from the very common to more important uncommon entities, including congenital heart disease, bone dysplasias and more Differential diagnoses for each case, as well as information on etiology, pathology, treatment, and complications Pearls and Pitfalls that help you identify important points and avoid errors in image interpretation Here is a valuable resource for the clinician at every level, from the resident preparing for the radiology board examinations, to the practitioner seeking the Certificate of Added Qualification in Pediatric Radiology, to the general radiologist or pediatrician seeking a practical reference text.

Covers the top diagnoses in pediatric imaging, including both common and uncommon entities. Provides imaging examples for every diagnosis -- plus concise, bulleted summaries of terminology, imaging findings, key facts, differential diagnosis, pathology and clinical issues. Displays a thumbnail visual differential diagnosis for each entity.

For more than 70 years, Caffey's Pediatric Diagnostic Imaging has been the comprehensive, go-to reference that radiologists have relied upon for dependable coverage of all aspects of pediatric imaging. In the 13th Edition, Dr. Brian Coley leads a team of experts to bring you up to date with today's practice standards in radiation effects and safety and head and neck, neurologic, thoracic, cardiac, gastrointestinal, genitourinary, and musculoskeletal pediatric imaging. This bestselling reference is a must-have resource for pediatric radiologists, general radiologists, pediatric subspecialists, pediatricians, hospitals, and more – anywhere clinicians need to ensure safe, effective, and up-to-date imaging of children. Includes separate chapters on radiation effects and safety, pre-natal imaging, neoplasms, trauma, techniques, embryology, genetic anomalies, and common acquired conditions. Takes an updated, contemporary approach with more focused and consistently formatted content throughout. Clinical content includes Overview; Etiologies, Pathophysiology, and Clinical Presentation; Imaging, including pros and cons, costs, evidence-based data, findings, and differential diagnostic considerations; and Treatment, including follow-up. Features 8,500 high-quality images – 1,000 new or updated. Provides expanded coverage of advanced imaging and diagnostics, including genetics and fetal imaging, MRI and advanced MR techniques, low-dose CT, ultrasound, nuclear medicine, and molecular imaging, as well as the latest quality standards, evidence-based data, and practice guidelines. Features new Key Points boxes and more tables and flowcharts that make reference faster and easier. Focuses on safety, particularly in radiation dosing, as part of the Image Gently® campaign to improve pediatric imaging while limiting radiation exposure and unneeded studies.

Achieve the most accurate imaging diagnosis for pediatric radiology.Differential Diagnosis in Pediatric Imaging offers the most up-to-date knowledge of pediatric imaging diagnostic techniques. It provides imagers, clinicians and their trainees with simple methods to evaluate both frequently and rarely seen diseases and disorders, and suggests differential diagnoses fully taking into account clinical findings. In addition, the text provides how-to tips for identifying normal imagesaving time and helping to avoid common misinterpretations. Readers are guided through a comprehensive, easy-to-navigate radiological library of pediatric disorders, which are divided by organ system. Sections include the head and neck, chest, musculoskeletal, urogenital and the digestive tract, and are complemented by a thorough review of normal values.

Each chapter discusses the imaging findings and different diagnostic possibilities, while mirroring clinical situations encountered in daily practice. Features:Easy-to-read tables highlight important findings and clinical clues to help identify diagnoses at a glance 1,500 high-quality images cover all major childhood disordersA comprehensive chapter on normal values and measurementsWritten by an international group of expert authors, this text is the foremost guide to the expanding specialty of pediatric radiology. Radiologists and residents in radiology can use this text as reference for daily practice and in preparation for exams.

Fundamentals of Pediatric Imaging E-Book

Variants and Other Difficult Diagnoses

Chest Sonography

Pediatric Radiology: The Requisites E-Book

Teaching Atlas of Pediatric Imaging

RadCases contains cases selected to simulate everything that you'll see on your rounds, rotations, and exams. RadCases also helps you identify the correct differential diagnosis for each case - including the most critical.Visit RadCases.thieme.com for free sample cases and to experience this dynamic learning tool for yourself!RadCases covers:Cardiac Imaging, Interventional Radiology, Musculoskeletal Radiology, Neuro Imaging, Thoracic Imaging, Pediatric Imaging, Gastrointestinal Imaging, Breast Imaging, Nuclear Medicine, Ultrasound Imaging, Head and Neck Imaging, Genitourinary ImagingEach RadCases title features 100 carefully selected, must-know cases documented with clear, high-quality radiographs. The organization provides maximum ease of use for self-assessment.Each case begins with the clinical presentation on the right-hand page; simply turn the page for imaging findings, differential diagnoses, the definitive diagnosis, essential facts, and more.Each RadCases title includes a scratch-off code that allows 12 months of access to a searchable online database of all 100 cases from the book plus an additional 150 cases in that book's specialty - 250 cases in total!Learn your cases, diagnose with confidence and pass your exams. RadCases.Pediatric Imaging will enable you to diagnose the full range of conditions affecting pediatric patients.Features of Pediatric Imaging: Numerous high-resolution radiographs demonstrate various imaging modalities A variety of common and uncommon presentations cover everything from adenopathy to X-linked adrenoleukodystrophy Examples of critical cases that must be diagnosed immediately -- to avert potential disaster in daily practice and on exams -- such as necrotizing enterocolitis

Master the key concepts that are critical to the practice of pediatric radiology! Ideal as a quick refresher for experienced radiologists as well as an efficient learning tool for residents, this new text puts indispensable information at your fingertips in a practical, high-yield format. More than 1,300 superb illustrations highlight the “essentials” of the field - information that is vital to understanding the wide variety of pathologies seen in pediatric imaging.

Safely perform and accurately interpret pediatric imaging studies with this concise, highly illustrated resource! Written by Lane F. Donnelly, MD, Fundamentals of Pediatric Imaging, 2nd Edition, covers the essential concepts residents and practitioners need to know, laying a solid foundation for understanding the basics and making accurate radiologic diagnoses. This easy-to-use title in the Fundamentals of Radiology series emphasizes advanced imaging techniques, including neuro applications, while highlighting the basic anatomy needed to understand this complex specialty. Nearly 650 high-quality, clinically relevant digital images clearly demonstrate essential concepts, techniques, and interpretation skills. Advanced MR imaging topics such as MR enterography, MR urography, and cardiac CT and MRI are thoroughly discussed. Reader-friendly lists, tables, and images make reference quick and easy. Edited by Lane F. Donnelly, MD, recipient of the Society of Pediatric Radiology's 2009 Singleton-Taybi Award for professional lifetime dedication to medical education. Newly revised information on quality and safety topics, neurologic imaging, ultrasound in pediatric imaging, and much more. For the first time, additional experts provide updates in their areas of expertise: neurologic, musculoskeletal, cardiac, chest, and GU imaging.

Radiography, Ultrasound, CT and MRI in Neonates and Children

Pediatric Chest Imaging