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Diagnostic Pediatric Ultrasound - Erik Beek 2015-08-05

Marked by a consistent, easy-to-follow structure and thousands of supporting illustrations, Diagnostic Pediatric Ultrasound is the complete go-to reference for daily practice. It clearly shows why ultrasound is the pediatric imaging modality of first choice, offering safe, non-invasive, high-quality results that lead to an accurate diagnosis. Providing a wide range of normal reference images for comparison with pathologic findings, the book is essential for any clinician using ultrasonography in pediatric care. Special Features: Organized, didactic chapter structure that includes a concise introduction, indications for ultrasound, examination techniques, normal anatomy and variants, measurement tables of developing organs, and descriptions of pathologic findings for every anatomic region and organ system Nearly 1700 high-quality images that depict all conditions in exquisite detail Unique Tips from the Pros that offer practical insights gained through actual clinical experience with pediatric patients Hundreds of current references for further reading Instructive ultrasound video clips available on Thieme Media Center Complete with advice for creating a child-friendly environment, examining infants and children, communicating with parents, and diagnosing complex cases, Diagnostic Pediatric Ultrasound makes a major contribution to the field. It will increase the know-ledge and skills of all pediatric and general radiologists, radiology residents, pediatricians, and other specialists who use ultrasound to care for this sensitive population.

Diagnostic Imaging - Lane F. Donnelly 2005

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.

Pediatric Imaging Essentials - Michael Riccabona 2013-11-27

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.

Caffey's Pediatric Diagnostic Imaging - Brian D. Coley 2013

Since 1945, radiologists have turned to Caffey's Pediatric Diagnostic Imaging for the most comprehensive coverage and unparalleled guidance in all areas of pediatric radiology. Continuing this tradition of excellence, the completely revised 12th edition - now more concise yet still complete - focuses on the core issues you need to understand new protocols and sequences, and know what techniques are most appropriate for given clinical situations. "This text will obviously be of great interest not only to radiologists, also to those who work with children including all pediatric specialties. It is also extremely useful in countries with resource poor setting where there is shortage of well-trained radiologists in pediatric specialties." Reviewed by: Yangon Children Hospital on behalf of the Journal of the European Paediatric Neurology Society, January 2014 "This is a thoroughly up-to-date text, divided into manageable topics, at a very reasonable price and I thoroughly recommend it to anyone who needs updating in the field of paediatrics or paediatric imaging." RAD, February 2014 Determine the best modality for each patient with state-of-the art discussions of the latest pediatric imaging techniques. Quickly grasp the fundamentals you need to know through a more precise, streamlined format, reorganized by systems and disease processes, as well as "Teaching Boxes" that highlight key points in each chapter. Apply all the latest pediatric advances in clinical fetal neonatology techniques, technology, and pharmacology. Achieve accurate diagnoses as safely as possible. Increased coverage of MRI findings and newer imaging techniques for all organ systems emphasizes imaging examination appropriateness and safety. Reap the fullest benefit from the latest neuroimaging techniques including diffusion tensor imaging, fMRI, and susceptibility weighted imaging. Keep current with the latest pediatric radiological knowledge and evidence-based practices. Comprehensive updates throughout include new and revised chapters on prenatal imaging; newer

anatomic and functional imaging techniques (including advances in cardiac imaging); disease classifications and insights into imaging disease processes; and advanced imaging topics in neurological, thoracoabdominal, and musculoskeletal imaging. Compare your findings to more than 10,000 high-quality radiology images. Access the full text online at Expert Consult including illustrations, videos, and bonus online-only pediatric imaging content.

Fundamentals of Pediatric Imaging - Lane F Donnelly 2017

Preceded by *Pediatric imaging: the fundamentals* / Lane F. Donnelly. c2009.

Essentials of Pediatric Radiology - Heike E. Daldrup-Link 2010-09-02

Essentials of Pediatric Radiology: A Multimodality Approach provides a concise overview of both basic and complex topics encountered by pediatric radiologists in their daily practice. Written by leading pediatric radiologists from renowned children's hospitals, it focuses particularly on multimodality imaging, covering the full gamut of radiologic diagnostic techniques, including conventional radiography and ultrasound, Doppler ultrasound, up-to-date CT and MRI techniques, and PET-CT. Each chapter is generously illustrated with high quality images, as well as graphs, tables, decision flowcharts and featured cases. Chapters are arranged according to pathologies, rather than organ systems, providing the reader with clinically-oriented information when employing 'whole body' techniques or analysing scans involving multiple anatomical sites. The book is complemented by an outstanding free access website of sample cases containing questions and answers that enable readers to test their diagnostic proficiency - see <http://essentials-of-pediatric-radiology.com>. A key text for pediatric radiology fellows, radiology residents and general radiologists, this is also essential reading for all pediatricians.

Pediatric Imaging - Thierry A. G. M. Huisman 2010-07

Rev. ed. of: *Pediatric imaging: case review* / Robert J. Ward, Hans Blickman. c2007.

Imaging in Pediatrics E-Book - A. Carlson Mellow, Jr. 2017-09-14

Every page crafted by a collaborative team of pediatricians and pediatric radiologists, this unique title by Drs. A. Carlson Mellow, 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.

Diagnostic Imaging in Pediatric Trauma - J.L. Gwinn 2012-12-06

Trauma to various organ systems is a common medical problem in the pediatric age group. With the increase in vehicular traffic and active participation in contact sports, as well as a change in the social atmosphere, the incidence of injury to children is increasing. There is considerable morbidity associated with these injuries and accidents are the most common cause of death in this population group. The radiologist, using the various diagnostic radiological modalities available, becomes involved in practically all cases of trauma of any degree of seriousness. The radiological methods lend themselves not only to determining the specific diagnosis but also to assessing the extent of the injury. This is important in determining of the patient as in recent years a more conservative type of therapy is advocated in several types of injury. As has been said, "Children are not like adults," hence injuries are of different types from those seen in adults. The ligaments and tendons of children are stronger than the bone structure, thus sprains and strains are not as common as fractures. Certain organs are in a less protected position in a child and may readily be injured from relatively minor trauma. Injury due to violent action of others such as gunshot and stab wounds are not as common as in the adult population but they are increasing in the teenage group. Blunt trauma or that due to rapid deceleration is the usual type of trauma seen in childhood.

Evidence-Based Imaging in Pediatrics - L Santiago Medina 2009-12-09

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.

Caffey's Pediatric Diagnostic Imaging - John Caffey 2004

A multitude of international authorities cover every current approach for the evaluation of all conditions seen in children. Nearly 1,800 outstanding illustrations, including stunning examples of color Doppler, demonstrate fine nuances of radiographic presentation.

Fundamentals of Pediatric Imaging E-Book - Lane F. Donnelly 2016-08-10

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.

Pediatric Imaging - Ramesh Iyer 2015-09-29

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.

Imaging in Pediatrics - Arnold Carlson Merrow (Jr.) 2018

"Every page crafted by a collaborative team of pediatricians and pediatric radiologists, this unique title by Drs. A. Carlson Merrow, 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"--Publisher's description.

Pediatric Imaging: Case Review Series - Aylin Tekes-Brady 2017-08

Preceded by: Case review: pediatric imaging / Thierry A.G.M. Huisman ... [et al.]. 2nd ed. c2011.

Pediatric Radiology: The Requisites E-Book - Michele Walters 2016-09-29

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.

Pediatric Radiology: Practical Imaging Evaluation of Infants and Children - Edward Lee 2017-08-15

Your accessible guide to the essentials of pediatric diagnostic imaging! *Pediatric Radiology: Practical Imaging Evaluation of Infants and Children* provides vital insights on how to diagnose both common and rare, congenital and acquired disorders in infants and children using the best imaging approaches available today. And, it does so in a highly concise, practical manner that makes this information easy to understand and apply. Contributions from a host of respected international authorities put the most relevant, expert information from around the world at your fingertips.

Fundamentals of Pediatric Imaging - Lane F. Donnelly 2021-08-15

Fundamentals of Pediatric Imaging, Third Edition presents the foremost techniques of pediatric medical image analysis and processing. It includes advanced imaging techniques, neuro applications, and highlights basic anatomy needed to understand this complex specialty. The book introduces the theory and concepts of pediatric digital image analysis and newly revised information on quality and safety topics, imaging modalities, imaging applications, and new discoveries in diseases and treatments. The newly revised edition provides updates in areas of expertise including neurologic, musculoskeletal, cardiac, chest, and GU imaging. Edited by Lane F. Donnelly, MD, recipient of the Society of Pediatric Radiology's 2009 Singleton-Taybi Award, this book is sure to be a prime reference in pediatric medical imaging. Includes over 650 high-quality digital images clearly demonstrating essential concepts, techniques, and interpretation skills. Discusses advanced MR imaging topics such as MR enterography, MR urography, and cardiac CT and MRI. Contains reader-friendly lists, tables, and images for quick and easy referencing. Includes imaging modalities, imaging applications, and new discoveries in diseases and treatments.

Radiology Illustrated: Pediatric Radiology - In-One Kim 2014-06-10

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.

Pediatric Imaging: Case Review Series E-Book - Thierry A. G. M. Huisman 2010-07-01

Pediatric Imaging: Case Review, by Thierry A.G.M. Huisman, MD, tests your ability to interpret a wide range of images seen in practice. The completely revised edition of this title in the popular Case Review series features all-new cases and superb-quality accompanying images that explore the newest imaging modalities, including the newest technology in post processing such as lung reconstruction and tractography of fibers within the brain. This complete study of pediatric imaging has been reorganized anatomically for quick reference and easy board review. This book contains approximately 200 cases—organized by difficulty—and 400 images—with questions and answers, diagnoses, commentary, references, and cross-references to *Pediatric Radiology: The Requisites*. Study effectively with content that mimics the format of official exams as well as the everyday clinical experience—offering highly effective preparation for certification, recertification, and practice. Distinguish between common and rare diagnoses with 200 case studies organized into

'Opening Round,' 'Fair Game,' and 'Challenge' sections that present varying levels of difficulty and occurrences. Clearly see and interpret 400 high-quality, state-of-the-art images representing a wide range of clinical situations encountered in pediatric imaging. Supplement your Pediatrics board prep and get greater depth of information with easy cross-referencing to companion Get a fresh perspective from 200 new cases reflecting the most recent changes in pediatric imaging, including the newest technology in post processing such as lung reconstruction and tractography of fibers within the brain, and expert guidance from new editor Dr. Thierry Huisman, Director of Pediatric Radiology at Johns Hopkins. Spend less time searching and more time learning with easy-to-navigate chapters focused on visual identification and diagnosis, and reorganized by degree of case difficulty and then by body part within each category.

Diagnostic Imaging of Child Abuse - Paul K. Kleinman 2015-09-03

This full-color new edition combines radiographic imaging of abuse with pathologic correlates side-by-side. Essential for radiologists, pediatricians and forensic pathologists.

Caffey's Pediatric Diagnostic Imaging - Brian D. Coley 2018-04-30

Since 1945, radiologists have turned to Caffey's Pediatric Diagnostic Imaging for the most comprehensive coverage and unparalleled guidance in all areas of pediatric radiology. Continuing this tradition of excellence, the completely revised 12th edition - now more concise yet still complete - focuses on the core issues you need to understand new protocols and sequences, and know what techniques are most appropriate for given clinical situations. Determine the best modality for each patient with state-of-the-art discussions of the.

Learning Pediatric Imaging - María I. Martínez-León 2011-03-03

This book, in a user-friendly format, is an ideal introduction to pediatric diagnostic imaging. It presents 100 cases drawn from clinical practice that range from commonly encountered disorders to complex and infrequent situations which must be recognized by the practitioner. Each case serves to identify essential imaging features of the pathology under consideration and will assist the reader in diagnosing similar cases. The book is divided into ten chapters, each comprising ten cases that are presented in a standard way. After discussion of the disorder in question, four representative images are displayed and described with special attention to distinctive features. In addition, informative key references are provided, including a book or book chapter, a web link, and ten recent articles.

Pediatric Radiology - Janet Reid 2014

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

Atlas of Paediatric Surgical Imaging - Robert Carachi 2020-02-11

This book is a comprehensive compendium of paediatric conditions, and covers clinical and diagnostic imaging for most diseases affecting neonates and children. Detailed descriptions of radiological signs aim to aid the diagnosis and identification of clinical symptoms. The book contains a large number of images taken from a collection of current and archival photos obtained from three generations of paediatric surgeons and radiologists which further illustrate the points made in the text. This book will act as a reference manual for any person in training who has to care for neonates and children in a hospital setting.

Pediatric Imaging for the Emergency Provider E-Book - Robert Vezzetti 2021-02-18

Children and infants comprise up to 20% of emergency department visits, and emergency physicians must be knowledgeable in choosing the most appropriate

imaging modality to arrive at an accurate diagnosis and provide optimal patient care. Written specifically for the non-specialist and those with limited pediatric training, Pediatric Imaging for the Emergency Provider provides expert guidance in this challenging area. Abundant high-quality imaging examples cover the full range of pediatric disorders you're likely to see, including trauma, musculoskeletal, pulmonary, ENT, cardiac, genitourinary, gastroenterology, neurological, and neonatal patients. Presents more than 80 common and important rare cases, supported with 450+ images across relevant modalities including ultrasound, radiography, CT, and MRI. Identifies key radiographic findings for various pediatric conditions including congenital heart lesions, surgical entities, infectious disease processes, and traumatic injuries. Accompanies images with clear, concise text that makes it easy to grasp the most clinically significant points of each case. Provides expert guidance on best practices in important areas of pediatric imaging such as sedation, ionizing radiation exposure reduction, and imaging modality selection.

Practical Pediatric Imaging - Donald R. Kirks 1984

Differential Diagnosis in Pediatric Radiology - Leonard E. Swischuk 1984

Imaging in Pediatric Oncology - Stephan D. Voss 2019-03-27

This book, co-authored by an internationally acclaimed team of experts in the field of pediatric oncologic imaging, provides a comprehensive update on new advances in diagnostic imaging as they relate to pediatric oncology. In contrast to other oncologic imaging texts focusing on the radiology of specific tumors, this book emphasizes the important fundamentals of imaging that every child with a new or treated malignancy receives. Guidance is provided on the selection and use of appropriate imaging techniques, with individual chapters devoted to each of the major cross-sectional imaging modalities used in the detection and follow-up of pediatric cancers, including PET-CT, PET-MRI, whole-body MRI, and diffusion-weighted MRI. Additional nuclear medicine techniques are addressed, and detailed attention is paid to more advanced areas of practice such as contrast-enhanced ultrasound, pediatric interventional radiology techniques, radiation treatment planning, and radiation dose considerations (ALARA). Other areas covered include screening of children with cancer predisposition syndromes, treatment related complications, potential pitfalls during neuro-oncologic imaging, and the risks and benefits inherent in post-therapy surveillance imaging.

Caffey's Pediatric Diagnostic Imaging E-Book - Brian D. Coley 2018-04-27

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.

Diagnostic Imaging: Pediatrics - A. Carlson Merrow Jr 2022-01-31

Covering the entire spectrum of this fast-changing field, *Diagnostic Imaging: Pediatrics*, fourth edition, is an invaluable resource for pediatric radiologists, general radiologists, and trainees—anyone who requires an easily accessible, highly visual reference on today's pediatric imaging. Dr. A. Carlson Merrow, Jr., and his team of highly regarded experts provide up-to-date information on recent advances in technology and safety in the imaging of children to help you make informed decisions at the point of care. The text is lavishly illustrated, delineated, and referenced, making it a useful learning tool as well as a handy reference for daily practice. Serves as a one-stop resource for key concepts and information on pediatric imaging, including a wealth of new material and content updates on more than 400 diagnoses. Features more than 2,500 illustrations including radiologic images, full-color illustrations, endoscopic and bronchoscopic photographs, clinical photos, and gross pathology images. Features updates from cover to cover including specifics from revised disease classifications and new terminology in best practices recommendations for radiologic reporting. Reflects evolving imaging technology in conjunction with increased awareness of radiation, contrast, and anesthesia safety in children, and how these advances continue to alter pediatric imaging approaches. Uses bulleted, succinct text and highly templated chapters for quick comprehension of essential information at the point of care. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Imaging in Pediatric Skeletal Trauma - Karl J. Johnson 2007-12-29

This is a comprehensive textbook on the imaging of pediatric skeletal trauma. It gives radiologists and pediatric surgeons a detailed description of the techniques used as well as examples of the imaging findings and details of their clinical relevance. Each chapter is written by an expert in the field and includes a wealth of illustrations. The book provides invaluable advice on those features which will affect the orthopedic management of a child.

Diagnostic Imaging: Pediatrics E-Book - A. Carlson Merrow, Jr. 2016-11-22

More than 400 diagnoses that are delineated, referenced, and lavishly illustrated highlight the third edition of this bestselling reference. Award-winning educator Dr. Carl Merrow and his expert author team provide carefully updated information in a concise, bulleted format, keeping you current with recent advances in pediatric radiology. Succinct text, outstanding illustrations, and up-to-date content make this title a must-have reference for both general radiologists and pediatric imaging specialists who need a single, go-to guide in this fast-changing area. Concise, bulleted text provides efficient information on more than 400 diagnoses that are clearly illustrated with 2,500 superb images. Meticulously updated throughout, with new diagnoses and hundreds of new images that provide the

most current information in the field. Expanded coverage of normal development and variations in childhood, including brain myelination, variant positions of important bowel anatomy, and bone marrow changes on MR. Increased focus on the molecular/genetic basis of many diseases, including changes in current medical terminology as well as appearances by alternate modalities. Expert guidance on new MR techniques for the evaluation of disease, including the use of newer contrast agents, acute and chronic pediatric musculoskeletal traumatic injuries often seen in young athletes, and congenital airway anomalies, such as CHAOS and tracheal agenesis. New and revised classifications and staging systems of various pediatric disorders, including neoplasms, vascular anomalies, and childhood interstitial lung diseases (ChILD).

Diagnostic Imaging - Lane F. Donnelly 2005

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.

Diagnostic Imaging of Child Abuse - Paul K. Kleinman 1998

Highly acclaimed in its first edition and thoroughly revised and expanded in this second edition, this volume uses an interdisciplinary approach and covers trauma to each body region, psychosocial considerations, normal variants, disease simulating abuse, congenital malformations, dating fractures, and much more. This edition contains a heavier emphasis on MRI, expanded discussion of differential diagnosis, expanded legal issues and the addition of recent scientific work relevant to diagnosing child abuse. * New to this edition: heavier emphasis on MRI, expanded discussion of differential diagnosis, and expanded legal issues * Chapters cover trauma to each body region, psychosocial considerations, normal variants, diseases simulating abuse, congenital malformations, dating fractures, and much more.

Imaging in Pediatrics - A. Carlson Merrow, Jr. 2017-09-04

Every page crafted by a collaborative team of pediatricians and pediatric radiologists, this unique title by Drs. A. Carlson Merrow, 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. Expert ConsultT eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, Q&As, and references from the book on a variety of devices.

Diagnostic Imaging - A. James Barkovich 2007

Diagnostic Imaging of Infants and Children - Robert G. Wells 2012-12-07

The essential illustrated atlas of pediatric radiology--featuring more than 3,700 images Diagnostic Imaging of Infants and Children enables you to visualize the full range of pediatric diseases and injuries using the latest diagnostic imaging techniques. A one-of-a-kind survey of the entire spectrum of disease in neonates, infants, children, and adolescents, Diagnostic Imaging of Infants and Children is filled with 3,794 high-quality images of every modality: X-ray, CT, ultrasound, MRI, nuclear medicine, and more. Diagnostic Imaging of Infants and Children features an organization that reflects how a practicing radiologist approaches a typical case, beginning with the clinical presentation and pathology of a disease and proceeding through the findings for each important imaging technique. FEATURES: Expert coverage of every modality currently available: CT, MRI, ultrasound, x-ray, nuclear medicine, PET, echocardiography, and cardiac MRI Practical emphasis on what radiologists and residents need to know in their daily practice Logical organization by body systems Review of developmental abnormalities of each organ system provides a solid foundation for understanding diagnostic tools and techniques "Clinical Presentations" provide symptom-based reviews that clarify key pediatric radiology concepts and enable you to confidently evaluate children with any disease or injury Skill-sharpening differential diagnosis tables--some of which correlate the clinical and radiographic features--aid comprehension by putting the latest protocols at your fingertips Hundreds of "Pathology - Radiology" tables throughout the text serve as quick reference guides and are great tools for resident study and review Chapter-ending full references

Pediatric Imaging E-Book - Lane F. Donnelly 2011-10-17

Written by Lane F. Donnelly, MD, recipient of the Society of Pediatric Radiology's 2009 Singleton-Taybi Award for professional lifetime dedication to medical education, "Pediatric Imaging: The Fundamentals" makes it remarkably simple to learn how to safely perform and accurately interpret pediatric imaging studies. Ideal for residents and practitioners alike, this reader-friendly text emphasizes advanced imaging applications—including neuro applications—while nearly 400 high-quality, clinically relevant digital images (nearly 100 in color) clearly demonstrate essential concepts, techniques, and interpretation skills. Full-chapter coverage of current breakthroughs in PET/CT, MR sleep studies, fetal imaging, and more, ensure that you have the latest information available at your fingertips. Offers full-chapter coverage of current breakthroughs in PET/CT, MR sleep studies, fetal imaging, and more, ensuring that you have the latest information at your fingertips. Emphasizes advanced imaging applications, including neuro applications. Highlights the basic anatomy needed to understand this complex subspecialty. Provides an in-depth discussion of patient safety issues to help you gain a basic understanding of radiology and its effect on the pediatric patient. Presents information in a reader-friendly format through lists, tables, and images that makes reference quick and easy. Includes nearly 650 high-quality, clinically relevant digital images that clearly demonstrate essential concepts, techniques, and interpretation skills.

Diseases of the Abdomen and Pelvis 2018-2021 - Juerg Hodler 2018-03-20

This open access book deals with imaging of the abdomen and pelvis, an area that has seen considerable advances over the past several years, driven by clinical as well as technological developments. The respective chapters, written by internationally respected experts in their fields, focus on imaging diagnosis and interventional therapies in abdominal and pelvic disease; they cover all relevant imaging modalities, including magnetic resonance imaging, computed tomography, and positron emission tomography. As such, the book offers a comprehensive review of the state of the art in imaging of the abdomen and pelvis. It will be of interest to general radiologists, radiology residents, interventional radiologists, and clinicians from other specialties who want to update their knowledge in this area.