Fundamentals Of Pediatric Radiology

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Caffey's Pediatric Diagnostic Imaging
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EXPERTddx: Pediatrics
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Pediatric Radiology: Practical Imaging Evaluation of Infants and Children
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Learning Interventional Radiology eBook
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Imaging Practice and Radiation Protection in Pediatric Radiology
The Radiology Handbook
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Pediatric Imaging
Essentials of Pediatric Radiology
Fundamentals of Pediatric Imaging E-Book
Essentials of Nuclear Medicine and Molecular Imaging E-Book

JUSTICE ROLAND

Pediatric Sonography Oxford University Press
Now fully revised and up to date, ExpertDDx: Pediatrics, second edition, quickly guides you to the most likely differential diagnoses based on key imaging findings and clinical information. Designed with the busy practitioner in mind, this superbly illustrated resource covers more than 1,500 diagnoses encountered by pediatric radiologists and their referring clinicians, discussed by general imaging features, modality-specific findings, and clinically based indications. The broad spectrum of coverage includes cardiac, chest, musculoskeletal, gastrointestinal, genitourinary, brain, head and neck, and spine pediatric diseases—all clearly presented to guide you through useful, actionable differential diagnoses that lead to definitive findings. Presents multiple clear, sharp, succinctly annotated images for each diagnosis (with nearly 3,000 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, updated nomenclature and classification of diseases, and updated imaging throughout Covers new and evolving workup strategies due to recent study and experience, advances in technology (new modalities, sequences, and contrast agents), and changing safety considerations
Caffey's Pediatric Diagnostic Imaging Cambridge University Press
Based on Dr. Driscoll's thirty years of successful bedside teaching at the Mayo Clinic, Fundamentals of Pediatric Cardiology is the ideal textbook for residents in pediatrics, family medicine, internal medicine, and pediatric and adult cardiology. This concise, well-organized, and easy-to-understand text can be read cover-to-cover during a pediatric cardiology rotation and focuses sharply on what primary care physicians need to know for initial evaluation and management of patients. Dr. Driscoll explains the many types of congenital heart defects, focusing on the most frequent cardiac problems in infants, children, and adolescents. Emphasis is on use of new diagnostic tools in conjunction with the physical examination.
Pediatric Radiology: The Requisites E-Book Lippincott Williams & Wilkins
Prepare for success on the pediatric imaging component of the radiology Core Exam! Pediatric Imaging: A Core Review, 2nd Edition, by Drs. Steven L. Blumer, David M. Biko, and Safwan S. Halabi, is an up-to-date, practical review tool written specifically for the Core Exam. This helpful resource contains over 300 image-rich, multiple-choice questions with detailed explanations of right and wrong answers, revised content, and additional eBook questions to ensure you're ready for the Core Exam or recertification exam.
Radiology Illustrated: Pediatric Radiology Elsevier Health Sciences
The book that set the standard for the role of correlating imaging findings to clinical findings as part of a comprehensive patient evaluation, more specific treatment plans and better outcomes is back in a New Edition. Here's everything Physical Therapists need to know about medical imaging. This comprehensive guide helps you develop the skills and knowledge you need to accurately interpret imaging studies and understand written reports. Begin with a basic introduction to radiology; then progress to evaluating radiographs and advanced imaging from head to toe. Imaging for commonly seen traumas and pathologies, as well as case studies prepare you to meet the most common to most complex challenges in clinical and practice.
Essentials of Radiology E-Book Lippincott Williams & Wilkins
Covering both the fundamentals and recent developments in this fast-changing field, Essentials of Nuclear Medicine and Molecular Imaging, 7th Edition, is a must-have resource for radiology residents, nuclear medicine residents and fellows, nuclear medicine specialists, and nuclear medicine technicians. Known for its clear and easily understood writing style, superb illustrations, and self-assessment features, this updated classic is an ideal reference for all diagnostic imaging and therapeutic patient care related to nuclear medicine, as well as an excellent review tool for certification or MOC preparation. Provides comprehensive, clear explanations of everything from principles of human physiology, pathology, physics, radioactivity, radiopharmaceuticals, radiation safety, and legal requirements to hot topics such as new brain and neuroendocrine tumor agents and hybrid imaging, including PET/MR and PET/CT. Covers the imaging of every body system, as well as inflammation, infection and tumor imaging; pearls and pitfalls for every chapter; and pediatric doses and guidelines in compliance with the Image Gently and Image Wisely programs. Features a separate self-assessment section on differential diagnoses, imaging procedures and artifacts, and safety issues with unknown cases, questions, answers, and explanations. Includes new images and illustrations, for a total of 430 high-quality, multi-modality examples throughout the text. Reflects recent advances in the field, including updated nuclear medicine imaging and therapy guidelines • Updated dosimetry values and effective doses for all radiopharmaceuticals with new values from the 2015 International Commission on Radiological Protection • Updated information regarding advances in brain imaging, including amyloid, dopamine transporter and dementia imaging • Inclusion of Ga-68 DOTA PET/CT for neuroendocrine tumors • Expanded information on correlative and hybrid imaging with SPECT/CT • New myocardial agents • and more. Contains extensive appendices including updated comprehensive imaging protocols for routine and hybrid imaging, pregnancy and breastfeeding guidelines, pediatric dosages, non-radioactive pharmaceuticals used in interventional and cardiac stress imaging, and radioactivity conversion tables.
EXPERTddx: Pediatrics Lippincott Williams & Wilkins
This book offers the reader sound advice on how to perform optimal conventional pediatric radiographs and how to obtain quick and easy organ dose estimates in order to improve the optimization process in pediatric imaging. Clear guidelines are provided for minimization of the radiation exposure of children through optimization of the radiation exposure conditions, and conversion coefficients are presented for calculation of the organ doses achieved in organs and tissues during conventional pediatric radiography, taking into consideration both optimal and suboptimal radiation field settings. Previously published conversion coefficients have failed to represent the variation in radiation field settings in daily clinical routine, which has made it difficult for the pediatric radiologist to estimate the impact of the field settings on absorbed doses in organs and tissues. The aim of this book, co-written by a pediatric radiologist, a physician and physicist, and a medical radiation technologist, is to address this issue by providing, for the first time, a thorough overview of clinical radiation field settings and their implications for radiation protection. An accompanying volume is devoted to fluoroscopy.
Grainger & Allison's Diagnostic Radiology Essentials E-Book Springer
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 Lippincott Williams & Wilkins

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.

Fundamentals of Pediatric Cardiology Springer Science & Business Media

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

Radiology Fundamentals Elsevier Health Sciences

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.

Pediatric Chest Imaging Elsevier Health Sciences

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.

Pediatric Nuclear Medicine Thieme Medical Publishers

Employs a case-based approach with a consistent chapter format to provide a clear, practical review of each topic. Each case-based chapter includes an Overview of the procedure and disease process, Indications and Contraindications of the procedure, standard Equipment used, a review of relevant Anatomy, detailed Procedural Steps, as well as Treatment Alternatives and common Complications. Reviews the skillful use of X-rays, CT, ultrasound, MRI, and other imaging methods to direct interventional procedures. Uses brief, bulleted text and more than 350 images to help you quickly grasp the fundamental information you need to know. Includes Take Home Points, Clinical Applications, Key Facts, Key Definitions, and Literature Reviews. Features case-based chapters on vascular and non-vascular procedures, as well as Grand Rounds Topics such as anatomy, surgery, interventional oncology, pediatrics, and more. Offers quick review and instruction for medical students, residents, fellows, and related medical professionals working in the IR area, such as nurse practitioners and physician assistants.

Pediatric Radiology: Practical Imaging Evaluation of Infants and Children Springer

The new edition of this popular textbook of pediatric radiology presents a clear and concise overview of pediatric disease in the neonate, infant, and young child. Organized by organ system, each chapter covers normal anatomy and variations, congenital anomalies, and common disease processes. Many normal films are included as a basis for understanding pathology and recognizing normal variants that are easily confused with abnormal findings. New to the Fifth Edition: an appendix of differential diagnosis/summary tables for quick reference, expanded chapters on the abdomen and head, and material on 3-D imaging and HRCT.

Fundamentals of Medical Imaging Elsevier Health Sciences

Emergency bedside ultrasound assessment is well established for adult patients, but has only recently been introduced into everyday clinical practice for the care of pediatric patients. Pediatric Emergency Critical Care and Ultrasound is a concise, practical text which explains the principles of ultrasound, its diagnostic application in all organ systems and its use as a procedural adjunct. Both well-established and innovative applications are described, assisting the practitioner in incorporating ultrasound into daily practice, facilitating patient care and decreasing radiation exposure. Case studies and abundant illustrations enable the reader to study the appropriate techniques in detail and learn from real examples from the pediatric emergency department and intensive care unit. Pediatric Emergency Critical Care and Ultrasound is the first comprehensive bedside ultrasonography resource focusing on pediatric patients and is essential reading not only for pediatric emergency medicine subspecialists but for all emergency physicians, intensivists/critical care physicians and pediatricians.

Fundamentals of Pediatric Radiology W B Saunders Company

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.

Core Radiology Cambridge University Press

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.

Pediatric Imaging E-Book Elsevier Health Sciences

Offering practitioners a complete working knowledge of the latest scanning technologies and the clinical applications of ultrasound in pediatric and adolescent patients, this edition features more than 1,800 clear, sharp images, including over 300 full-color images throughout.

Introduction to Diagnostic Radiology Elsevier Health Sciences

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.

Squire's Fundamentals of Radiology Ohio University Press

A must-have for anyone who will be required to read and interpret common radiologic images, Learning Radiology: Recognizing the Basics is an image-filled, practical, and easy-to-read introduction to key imaging modalities. Skilled radiology teacher William Herring, MD, masterfully covers exactly what you need to know to effectively interpret medical images of all modalities. Learn the latest on ultrasound, MRI, CT, patient safety, dose reduction, radiation protection, and more, in a time-friendly format with brief, bulleted text and abundant high-quality images. Then ensure your mastery of the material with additional online content, bonus images, and self-assessment exercises at Student Consult.

Imaging of the Newborn, Infant, and Young Child Thieme

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.