

Neuroradiology Companion Methods Guidelines And Imaging Fundamentals Author Mauricio Castillo Published On August 2011

Combining the rich visual guidance of an atlas with the comprehensive, in-depth coverage of a definitive reference, this significant new work in the Expert Radiology series covers every aspect of brain imaging, equipping you to make optimal use of the latest diagnostic modalities. Compare your clinical findings to more than 2,800 digital-quality images of both radiographic images and cutting edge modalities such as MR, multislice CT, ultrasonography, and nuclear medicine, including PET and PET/CT. Visualize relevant anatomy more easily thanks to full-color anatomic views throughout. Choose the most effective diagnostic options, with an emphasis on cost-effective imaging. Apply the expertise of a diverse group of world authorities from around the globe on imaging of the brain. Use this reference alongside Dr. Naidich's Imaging of the Spine for complementary coverage of all aspects of neuroimaging.

The practice of radiology education: challenges and trends will provide truly helpful guidance for those of you involved in teaching and training in radiology. The goal of this book is ultimately to improve patient care. As a companion piece to the first book radiology education: the scholarship of teaching and learning, this book focuses on applying the concepts at a practical level that can be applied flexibly within educational programs for radiology residents and fellows in any medical imaging learning environment. This book focuses on the application of scholarship in terms of the "dissemination of useful, testable and reproducible information to others." It links educational theory with practice and for those of you who wish to explore educational practice further, a number of chapters suggest additional readings and resources. The publication is timely and congruent with one of the most important twenty-first century trends in medical education: the move from amateurism to professionalism in teaching. In the past, medical schools and other health professions' training institutions have been criticized for their resistance to the adoption of the science of medical education. Very few of us learned how to teach as medical students and most of us have our teaching responsibilities thrust on us with little preparation. The award of a basic medical degree was assumed to carry with it basic teaching expertise, unfortunately an unwarranted assumption in some cases.

An updated volume in the best-selling Radiology Requisites series, Genitourinary Imaging, 3rd Edition presents the essentials of genitourinary radiology by describing the imaging techniques and diseases most commonly encountered in the field. Concise and practical, it familiarizes the reader with the pathology affecting the genitourinary system as well as an approach for detecting abnormalities. Extensive updates throughout reflect the significant changes in the way pathological processes in the genitourinary (GU) tract are imaged since publication of the last edition. Covering everything from basic principles through the latest diagnostic imaging techniques, equipment, and technology, it serves residents as a concise, easily readable text of GU imaging and serves as an update and reference for fellows and practicing radiologists. Synthesizes today's core knowledge in genitourinary radiology Practice-proven tips and excellent problem-solving discussions are accompanied by more than 450 high-quality images - nearly 400 all new - all demonstrating a full range of genitourinary radiologic approaches and imaging findings Numerous outlines, boxes, tables, "pearls," and suggested reading lists make reference easy. Numerous outlines, boxes, tables, "pearls," and suggested reading lists make reference easy. State-of-the-art coverage of MR urography, uterine artery embolization, CT for renal stone disease, and many other new areas in the field. The latest genitourinary imaging techniques with updated information on CT urography, MRI of the urinary tract, prostate MR, and much more. Newly edited and updated information throughout, including kidney tumor ablation and renal tumor imaging techniques and interpretation Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

Updated throughout and extensively illustrated, the Fifth Edition of Neuroradiology Companion is an ideal one-volume resource covering the fundamentals of neuroradiology for residents, fellows, and practitioners. More than 1,400 high-quality images depict key disorders of the brain, spine, and head and neck. Each disorder is presented in a concise, consistent manner, with bulleted Key Facts, six to eight images that show the most common findings, and suggested readings. This concise volume can be read cover-to-cover during neuroradiology rotations and also used for daily consultation in the reading room.

Advanced Neuroradiology Cases

Brain Imaging

Challenges and Trends

Sports-Related Concussions in Youth

Musculoskeletal Imaging

A Practical Guide

The Paralysis Resource Guide, produced by the Christopher & Dana Reeve Foundation, is a reference and lifestyle tool for people affected by paralysis. The book includes details on medical and clinical subjects related to all causes of paralysis, as well as health maintenance information. The fully-illustrated book provides a detailed overview of biomedical research, assistive technology, sports and recreation activities, legal and civil rights, social security and benefits, and numerous lifestyle options.

Interventional and Endovascular Therapy of the Nervous System will be a simple and easy to use reference for every practitioner in the field. The book will include numerous diagrams and illustrations on the procedural aspects of the cases in question. Specific chapters will deal with the practical hands on aspects of interventional neuroradiology, with emphasis on diagnostics, procedural techniques, safety issues and complications.

Neuroradiology Companion Methods, Guidelines, and Imaging FundamentalsLippincott Williams & Wilkins

How to rewire your brain to improve virtually every aspect of your life-based on the latest research in neuroscience and psychology on neuroplasticity and evidence-based practices Not long ago, it was thought that the brain you were born with was the brain you would die with, and that the brain cells you had at birth were the most you would ever possess. Your brain was thought to be "hardwired" to function in predetermined ways. It turns out that's not true. Your brain is not hardwired, it's "softwired" by experience. This book shows you how you can rewire parts of the brain to feel more positive about your life, remain calm during stressful times, and improve your social relationships. Written by a leader in the field of Brain-Based Therapy, it teaches you how to activate the parts of your brain that have been underactivated and calm down those areas that have been hyperactivated so that you feel positive about your life and remain calm during stressful times. You will also learn to improve your memory, boost your mood, have better relationships, and get a good night sleep.

Reveals how cutting-edge developments in neuroscience, and evidence-based practices can be used to improve your everyday life Other titles by Dr. Arden include: Brain-Based Therapy-Adult, Brain-Based Therapy-Child, Improving Your Memory For Dummies and Heal Your Anxiety Workbook Dr. Arden is a leader in integrating the new developments in neuroscience with psychotherapy and Director of Training in Mental Health for Kaiser Permanente for the Northern California Region Explaining exciting new developments in neuroscience and their applications to daily living, Rewire Your Brain will guide you through the process of changing your brain so you can change your life and be free of self-imposed limitations.

Musculoskeletal Imaging, The Requisites (Expert Consult- Online and Print),4

Trauma Radiology Companion

Brain CT Scans in Clinical Practice

Practical Neuroangiography

The Requisites

Neuroradiology Companion

This popular guide to the examination and interpretation of chest radiographs is an invaluable aid for medical students, junior doctors, nurses, physiotherapists and radiographers. Translated into over a dozen languages, this book has been widely praised for making interpretation of the chest X-ray as simple as possible. The chest X-ray is often central to the diagnosis and management of a patient. As a result every doctor requires a thorough understanding of the common radiological problems. This pocketbook describes the range of conditions likely to be encountered on the wards and guides the reader through the diagnostic process based on the appearance of the abnormality shown. Covers the full range of common radiological problems. Includes valuable advice on how to examine an X-ray. Assists the doctor in determining the nature of the abnormality. Points the clinician towards a possible differential diagnosis. A larger page size allows for larger and clearer illustrations. A new chapter on the sick patient covers the patient on ITU and the appearance of lines and tubes. There is extended use of CT imaging with advice on choosing modalities depending on the clinical circumstances. A new section of chest x-ray problems incorporates particularly challenging case histories. The international relevance of the text has been expanded with additional text and images.

In the past decade, few subjects at the intersection of medicine and sports have generated as much public interest as sports-related concussions - especially among youth. Despite growing awareness of sports-related concussions and campaigns to educate athletes, coaches, physicians, and parents of young athletes about concussion recognition and management, confusion and controversy persist in many areas. Currently, diagnosis is based primarily on the symptoms reported by the individual rather than on objective diagnostic markers, and there is little empirical evidence for the optimal degree and duration of physical rest needed to promote recovery or the best timing and approach for returning to full physical activity. Sports-Related Concussions in Youth: Improving the Science, Changing the Culture reviews the science of sports-related concussions in youth from elementary school through young adulthood, as well as in military personnel and their dependents. This report recommends actions that can be taken by a range of audiences - including research funding agencies, legislatures, state and school superintendents and athletic directors, military organizations, and equipment manufacturers, as well as youth who participate in sports and their parents - to improve what is known about concussions and to reduce their occurrence. Sports-Related Concussions in Youth finds that while some studies provide useful information, much remains unknown about the extent of concussions in youth; how to diagnose, manage, and prevent concussions; and the short- and long-term consequences of concussions as well as repetitive head impacts that do not result in concussion symptoms. The culture of sports negatively influences athletes' self-reporting of concussion symptoms and their adherence to return-to-play guidance. Athletes, their teammates, and, in some cases, coaches and parents may not fully appreciate the health threats posed by concussions. Similarly, military recruits are immersed in a culture that includes devotion to duty and service before self, and the critical nature of concussions may often go unheeded. According to Sports-Related Concussions in Youth, if the youth sports community can adopt the belief that concussions are serious injuries and emphasize care for players with concussions until they are fully recovered, then the culture in which these athletes perform and compete will become much safer. Improving understanding of the extent, causes, effects, and prevention of sports-related concussions is vitally important for the health and well-being of youth athletes. The findings and recommendations in this report set a direction for research to reach this goal.

The Third Edition of this popular quick reference features 653 brand-new illustrations and state-of-the-art protocols for brain, spine, and head and neck imaging examinations. The first part presents up-to-date protocols for CT, MRI, myelography, and neuroangiography and guidelines on drugs used in neuroimaging. The second part presents images of all common pathologic entities, along with succinct, bulleted "key facts" about radiologic diagnosis. This edition has new chapters on the brachial plexus, degenerative and iatrogenic brain disorders, and metabolic brain disorders. New entities have been added to many chapters, particularly those on brain trauma, stroke, infections and inflammations, and the orbits.

Featuring atypical cases and focusing on advanced imaging techniques, this book presents a compilation of unusual CNS pathologies with characteristic imaging findings. The aim is to aid the speedy diagnosis of otherwise rarely encountered clinical conditions and improve patient care. Presented as more than 130 real cases with extensive imaging description and step-by-step guidelines on how to diagnose individual pathologies, each scenario is backed by the most up-to-date literature available. The cases include some of the most recently described clinical conditions. The case-based format and description of each clinical journey encourages readers to engage with the diagnostic process and facilitates self-study. This book is for any radiologist who practices neuroradiology, neuroradiology fellows, neuroimaging fellows, practicing neurologist and neurology residents.

Neuroradiology

Genitourinary Imaging

Case Review

Practical Fluoroscopy of the GI and GU Tracts

Cardiac Imaging: The Requisites E-Book

Niedermeyer's Electroencephalography

Across emergency rooms all over the world, thousands of patients are referred for brain CT scans daily. A radiologist often has to interpret the scan or a consultation has to be made to a neurosurgeon to review the scan. Most of this happens late at night and is a significant source of discontent. Thus having frontline physicians to be proficient in interpreting the emergency brain CT scan improves the efficiency of the whole pathway of care and is potentially life saving as time is of the essence for many patients with severe brain injury or stroke. Underlying all of the above and the primary reason for writing this book is because the skill required to determine an immediate life threatening abnormality in a brain CT scan is so basic and can be learned in a short time by people of various backgrounds and certainly by all physicians. Indeed the emergency head CT scan is comparable to an electrocardiogram in usefulness and most definitely easy to learn. This book is therefore written for caregivers of the world over to demystify the emergency CT brain scan and to empower them to serve their patients better. It is obvious to me from the response from people I have had opportunity to teach this subject that not only is there a desire to learn this basic skill but also people learn it quickly and wonder why it has not been presented so simply before.

Challenges for the treatment of valvular heart disease include the growing need for effective yet less invasive interventions and therapies to treat these progressive conditions. With the development of potential new treatments, it is crucial for cardiac physicians to be well informed on the pathophysiology, assessment, treatment options and their outcomes of valvular diseases. Written by a highly experienced and internationally recognized group of cardiologists, cardiac surgeons, and researchers, Valvular Heart Disease offers insights into the widely varying hemodynamic effects and clinical course of heart valve conditions, as well as the contemporary management of these conditions. Offering a broad perspective on these diseases, Valvular Heart Disease expands on the recent guidelines developed by the major heart societies in the United States and Europe.

The second edition of this popular guide features 545 illustrations - almost all new - and thoroughly updated, state-of-the-art imaging protocols. Designed for quick reference, the book presents images of all common neurologic diseases and succinct "key facts" about imaging techniques and differential diagnosis. This edition includes a new chapter on degenerative brain disorders, as well as guidelines for sedation and post-sedation care, detailed advice on managing contrast media reactions, and an updated chapter on "What Study to Order."

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.

Rewire Your Brain

Methods, Guidelines, and Imaging Fundamentals

Handbook of Neurosurgery

PACS

Co-existing Diseases and Neuroanesthesia

Part of the successful Requisites series, this best-selling title presents everything you need to know about diagnostic imaging of the most commonly encountered neurologic and head and neck conditions....one book that covers brain, spine, head and neck with an engaging approach. --

Praise for this book: Sure to be a hit -- just like the first edition...All the chapters are well written and the accuracy of information is impressive...[we] cannot recommend the book strongly enough.--RAD Magazine Returning in a second edition, this practical book presents oncological and nononcological applications for PET and PET/CT for the full range of scenarios frequently encountered in the professional setting. Placing special emphasis on PET/CT correlation and FDG oncological imaging, it opens with a thorough introduction to fundamental science and clinical basics. Each chapter in the Oncological Applications section of the book describes the role of PET and PET/CT in the management of specific diseases, providing succinct descriptions of indications and comparisons with other imaging modalities. Highlights: New chapters covering PET/CT for pediatric patients; the use of FDG PET in the evaluation of infection and inflammation; and the role of PET and PET/CT in radiation therapy planning; and FDG biology More than 500 high-quality images, including state-of-the-art color PET/CT images Pearls and pitfalls that emphasize critical concepts Discussion of normal variations and benign findings Thorough review of the current literature on PET/CT This compact book provides readers with the tools to sharpen their assessment and decision-making skills. Organized efficiently to enable rapid reference to key concepts, this concise text is ideal for residents and practitioners in radiology, nuclear medicine, oncology, radiation oncology, and nuclear medicine technology.

Quick reference guide to chest X-Ray interpretation. Covers more than 100 lungs and heart disorders, each illustrated by radiographic image and corresponding line diagram.

Leveraging the organization and focus on exam preparation found in the comprehensive text, this Exam Review will help any student to successfully complete the ARRT General Radiography and Computed Tomography exams. The book includes a bulleted format review of content, Registry-style questions with answers and rationales, and a mock exam following the ARRT format. The companion website offers an online testing simulation engine.

Valvular Heart Disease

Improving the Science, Changing the Culture

A Guide to the Digital Revolution

Pediatric Radiology: The Requisites E-Book

Fundamentals of Skeletal Radiology

The Practice of Radiology Education

Fully revised and updated, the Handbook serves as a practical guide to endovascular methods and as a concise reference for neurovascular anatomy and published data about cerebrovascular disease from a neurointerventionalist's perspective. Divided into three parts, the book covers: Fundamentals of neurovascular anatomy and basic angiographic techniques; Interventional Techniques and endovascular methods, along with useful device information and tips and tricks for daily practice; Specific Disease States, with essential clinical information about commonly encountered conditions. New features in the 2nd Edition include: Global Gems that illuminate aspects of the field outside the United States; Angio-anatomic and angio-pathologic image correlates; Newly released clinical study results influencing neurointerventional practice; Information on emerging technologies in this rapidly advancing field. The Handbook is a vital resource for all clinicians involved in neurointerventional practice, including radiologists, neurosurgeons, neurologists, cardiologists, and vascular surgeons.

With an incredible 2400 illustrations, and written by a multitude of international experts, this book provides a comprehensive overview of both the physics and the clinical applications of MRI, including practical guidelines for imaging. The authors define the importance of MRI in the diagnosis of several disease groups in comparison or combination with other methods. Chapters dealing with basic principles of MRI, MR spectroscopy (MRS), interventional MRI and functional MRI (fMRI) illustrate the broad range of applications for MRI. Both standard and cutting-edge applications of MRI are included. Material on molecular imaging and nanotechnology give glimpses into the future of the field.

This book provides basic information on neuroanesthesia, comprehensively discussing the brain and spine anatomy, physiology and relevant pharmacology. It also explores various co-existing medical conditions in neurosurgical patients and their medical management relevant to anesthesia, with each problem presented in a standard format. Written by experts in the field and including illustrations, flowcharts and images, each chapter begins with a brief clinical scenario and include the latest evidence-based information. This book is a valuable guide for all anesthetists, not only dedicated neuroanesthetists.

A must-have...[a] low-cost, highly portable, and extremely useful reference volume, which will undoubtedly enjoy continued longevity into the foreseeable future.--Journal of Neurosurgery A vital resource...For rapid access to the diagnosis and management of all neurosurgical things, there is no substitute.--The Journal of TRAUMA Injury, Infection, and Critical Care For two decades, Handbook of Neurosurgery -- now in a fully updated seventh edition -- has been an invaluable companion for every neurosurgery resident and nurse, as well as neurologists and others involved in the care of patients with brain and spine disorders. Dr.

Greenberg's classic text covers the breadth of neurosurgery and its allied specialties and provides the latest information on anatomy and physiology, differential diagnosis, and currently accepted principles of

clinical management. Renowned for its scope and accessibility, this portable, single-volume guide is packed with more than 1,300 pages of practical information, including thousands of literature citations, handy cross-references, and a thorough index.Features: New to the seventh edition: detailed coverage of blunt cervical arterial injuries; awake craniotomies; brain mapping; new grading systems for cervical and thoracolumbar fractures; radiation safety for neurosurgeons; organ donation after cardiac death; and expanded discussion of endovascular techniques Numerous updates, including information on dural arteriovenous malformations; tumors and molecular biology; and new neuromonitoring modalities such as brain oxygen tension, cerebral microdialysis, and regional cerebral blood flow The return of basic surgical material to acquaint readers with the operating room A practical new feature called Booking the Case supplies helpful information about scheduling surgery and obtaining informed consent Highly valuable section on hot topics in neurocritical care Color highlights and full-color inserts to enhance readability Comprehensive and conveniently compact, this book is a must-have reference for neurosurgery residents and a useful tool for anyone working in the clinical neurosciences.

**Ultrasound
3D Angiographic Atlas of Neurovascular Anatomy and Pathology
Exam Review
Paralysis Resource Guide
Imaging of the Brain ,Expert Radiology Series,1
Think Your Way to a Better Life**

Entirely updated to reflect modern thinking and protocols, the Manual of Pediatric Hematology and Oncology provides concise information needed for the day-to-day management of children with pediatric hematologic and oncologic diseases. The clear style allows readers to make an accurate diagnosis and permits him/her to treat patients even if they have not had extensive previous hematologic or oncologic experience. Pertinent advances in molecular genetics, cytogenetics, immunology, transplantation and biochemistry are the result of 40 years of practical experience by the author in the management of patients and incorporates various contributors who have had extensive clinical experience. * Features numerous tables, flow diagrams, protocols, and algorithms for quick access of essential clinical information necessary for the diagnosis and management of these diseases in children * Designed as a concise, easy to use guide for medical students, residents, fellows, pediatric hematologists/oncologists, pediatric nurses and nurse practitioners * Much of the practical information contained in this manual is not found in standard textbooks * Straightforward style without any redundant words or references

Dr. Kopans' best-selling text and reference on breast imaging is now in its thoroughly revised, updated Third Edition. The author combines a complete, superbly illustrated atlas of imaging findings with a comprehensive text that covers all imaging modalities and addresses all aspects of breast imaging—including breast anatomy, histology, physiology, pathology, breast cancer staging, and preoperative localization of occult lesions. This edition includes state-of-the-art information on a new modality, breast tomosynthesis, as well as on digital mammography, MRI, ultrasound, and percutaneous breast biopsy. The book contains more than 1,500 images obtained with the latest technology, including many new mammograms and scans using other imaging modalities. FEATURES: - Information on anatomy, histology, physiology, pathology, breast cancer staging, and preoperative localization of occult lesions - Discusses breast disease from a wider viewpoint than just how to perform and interpret mammography NEW TO THIS EDITION: - Digital mammography - Major revisions in the MRI, ultrasound, and interventional sections - Updated figures included in this edition - Updated information on MR, US, and percutaneous breast biopsy

The leading reference on electroencephalography since 1982, Niedermeyer's Electroencephalography is now in its thoroughly updated Sixth Edition. An international group of experts provides comprehensive coverage of the neurophysiologic and technical aspects of EEG, evoked potentials, and magnetoencephalography, as well as the clinical applications of these studies in neonates, infants, children, adults, and older adults. This edition's new lead editor, Donald Schomer, MD, has updated the technical information and added a major new chapter on artifacts. Other highlights include complete coverage of EEG in the intensive care unit and new chapters on integrating other recording devices with EEG; transcranial electrical and magnetic stimulation; EEG/TMS in evaluation of cognitive and mood disorders; and sleep in premature infants, children and adolescents, and the elderly. A companion website includes fully searchable text and image bank.

The 3D Angiographic Atlas of Neurovascular Anatomy and Pathology is the first atlas to present neurovascular information and images based on catheter 3D rotational angiographic studies. The images in this book are the culmination of work done by Neil M. Borden over several years using one of the first 3D neurovascular angiographic suites in the United States. With the aid of this revolutionary technology, Dr Borden has performed numerous diagnostic neurovascular angiographic studies as well as endovascular neurosurgical procedures. The spectacular 3D images he obtained are extensively labeled and juxtaposed with conventional 2D angiograms for orientation and comparison. Anatomical color drawings and concise descriptions of the major intracranial vascular territories further enhance understanding of the complex cerebral vasculature.

Pocketbook of Clinical IR
Basic Principles, Clinical Applications, and Related Fields
Interventional and Endovascular Therapy of the Nervous System
Challenge Your Knowledge
Handbook of Cerebrovascular Disease and Neurointerventional Technique
Breast Imaging

Musculoskeletal Imaging: The Requisites, 4th Edition delivers the conceptual, factual, and interpretive information you need for effective clinical practice in musculoskeletal imaging, as well as for certification and recertification review. Mas affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables - all completely rewritten to bring you up to date. Find key information easily with numerous outlines, tables, "pearls," and boxed material for searchable text and downloadable images online at www.expertconsult.com. Get the best results from today's most technologically advanced approaches, including new uses of MR and ultrasound for early diagnosis and monitoring of infl board exam and for clinical practice with critical information on femoroacetabular impingement, arthrography, hip replacement, cartilage tumors, bone marrow imaging (including focal and diffuse replacement), and sports medicine (including up to date on soft tissue tumors with significantly expanded content, illustrated tumor-specific findings, and new AJCC staging and diagnostic information. Clearly visualize the findings you're likely to see in practice and on exams with 30 throughout.

Part of the popular new Case Review series, this volume focuses on brain imaging from a multimodality perspective and is perfectly customized to meet the self-testing needs of those preparing for exams or to serve as a way for general subspecialty area. Two hundred unknown brain cases with 400 images are succinctly presented in random order with questions, answers, commentary, references, and cross-references to the relevant REQUISITES volume. Differential diagnosis will be emphasized, but relevant clinical points also will be covered. Cases will be divided by difficulty level, with a division between more common cases and the more unusual and challenging cases. * Features an at-a-glance review of brain and practicing radiologists studying for exams or wishing to spruce up this subspecialty area. * Mimics official exam formats which allows for self-testing, subsequent learning, preparation and confidence-building to succeed in exam settings randomly and divides them into three overall categories, so the reader has the opportunity to test him/herself at different degrees of difficulty. * Provides an outstanding review of the entire subspecialty of neuroradiology when combined volume and the soon to be published volume on the Spine. * Complements and references the Neuroradiology: THE REQUISITES volume to provide the most comprehensive review for the exams. THE REQUISITES covers the essentials of the allows you to test yourself on those essentials. * Includes approximately 420 state-of-the-art images which complement the text and provide a clear picture of what exam takers can expect. * Affordable, manageable, practical 8 1/2 x 11

Features a consistent format with the same features: case presented as unknown with four questions, followed by answers to questions, detailed commentary, latest references in the literature, cross-reference to THE REQUISITES volume This best-selling volume in The Requisites Series provides a comprehensive introduction to timely ultrasound concepts, ensuring quick access to all the essential tools for the effective practice of ultrasonography. Comprehensive yet concise principles to advanced state-of-the-art techniques. This title perfectly fulfills the career-long learning, maintenance of competence, reference, and review needs of residents, fellows, and practicing physicians.

The Fourth Edition of Neuroradiology Companion is a concise, well-illustrated overview of neuroradiology and discusses the most important and common disorders of the brain, spine and head and neck regions. Each disorder is presented in a bulleted format, six to eight images that show the most common findings, and suggested readings. This new edition includes more than 1500 images, current protocols and the latest clinical information. Neuroradiology Companion is ideal for neuroradiology rotations as well as for daily consultation in the reading room.

A Clinical Guide
PET and PET/CT
Manual of Pediatric Hematology and Oncology
Computed Tomography for Technologists
A Concise Guide to Interventional Radiology
CT- and MR-Guided Interventions in Radiology

Excel at clinical IR with insightful perspectives from both current residents and senior interventionalists! Interventional radiology training has evolved rapidly during the last decade, with recent recognition as a primary medical specialty by the American Board of Medical Specialties. The number of IR residency positions continues to increase each year with a greater number of trainees rotating through the IR elective. The bar is set high and expectations of trainees have increased. Written clearly, concisely, and at a trainee's level, Pocketbook of Clinical IR: A Concise Guide to Interventional Radiology by Shantanu Warhadpande, Alex Lionberg, and Kyle Cooper is the first IR pocketbook written specifically for medical students and junior residents to help them excel on their IR rotation. This book will help trainees to intelligently field IR consults, effectively round on patients, and develop an understanding of IR disease processes. Concise yet thorough, it provides a solid clinical foundation to underlying pathologies and procedures, and embodies the authors' philosophy that the IR education paradigm should be transformed into one in which the clinical care of patients is of equal importance to technical procedural training. Key Features Clinical background on hepatobiliary, oncologic, arterial, venous, genitourinary, and neurologic diseases frequently encountered in IR Insightful clinical algorithms provide guidance on how the IR procedure fits into the big picture Concise procedure boxes provide an overview of how the procedure is performed so the trainee can be an active participant in any IR procedure This practical white-coat companion is essential for all trainees involved with interventional radiology.

This textbook reviews the technological developments associated with the transition of radiology departments to filmless environments. Each chapter addresses the key topics in current literature with regard to the generation, transfer, interpretation and distribution of images to the medical enterprise. As leaders in the field of computerized medical imaging, the editors and contributors will provide insight into emerging technologies for physicians, administrators, and other interested groups. As health care organizations throughout the world begin to generate filmless implementation strategies, this exhaustive review has proven to be a vital aid to leaders in the development of health care.

Building upon the success of prior editions, Practical Neuroangiography, Third Edition, provides a detailed and richly illustrated guide to diagnostic and interventional neuroangiography and its role in the management of neurovascular disease. The Third Edition provides the new fellow with the background knowledge needed to understand these procedures, the unusual variant anatomy that can affect treatment and outcomes, and the field's current limitations.

Get the essential tools you need to make an accurate diagnosis with Cardiac Imaging, 4th Edition! Edited by Lawrence Boxt, MD and Suhny Abbara, MD, this popular volume in The Requisites series concisely delivers the conceptual, factual, and interpretive information you need for effective clinical practice in cardiac imaging. Practice-proven tips and excellent problem-solving discussions are accompanied by over 1000 figures and illustrations of the highest quality. The result is an outstanding review source for certification or recertification, as well as a highly user-friendly resource for everyday clinical practice. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Master core knowledge of all imaging modalities currently being used (plain film, ultrasound, CT, and MR), and discusses potential future developments. Focus on the essentials needed to pass the boards and ensure accurate diagnoses in clinical practice. Clearly visualize the findings you're likely to see in practice and on exams through updated and redrawn illustrations and color images interspersed throughout the text for easier and more intuitive access. Gain new insight into a full range of cardiac imaging approaches and findings with new sections on congenital heart disease, emphasizing MRI and CT diagnostic and functional analysis as well as and updated information on valvular, ischemic, pericardial, myocardial, congenital, and thoracic/aortic heart disease. Benefit from the expertise and fresh perspective of new lead editors, Drs. Lawrence Boxt and Suhny Abbara.

**Magnetic Resonance Tomography
Imaging of the Brain
The Essentials with MR and CT
Chest X-Ray Made Easy E-Book
Interpretation of Chest X-Ray
An Illustrated Companion**

This edition presents expanded coverage of magnetic resonance imaging, one of the most important new areas in musculoskeletal radiology. It also contains a new chapter on imaging of miscellaneous lesions. In addition, it lists common differential diagnoses for easy reference.

Interventional radiology is an indispensable and still expanding area of modern medicine that encompasses numerous diagnostic and therapeutic procedures. The revised and extended second edition of this volume covers a broad range of non-vascular interventions guided by CT or MR imaging. Indications, materials, techniques, and results are all carefully discussed. A particularly comprehensive section is devoted to interventional oncology as the most rapidly growing branch of interventional radiology. In addition, detailed information is provided that will assist in establishing and developing an interventional service. This richly illustrated book will be a most valuable source of information and guidance for all radiologists who deal with non-vascular procedures.

A clear, concise, yet comprehensive text covering the fundamentals and nuances of performing and interpreting high-quality GI and GU fluoroscopy.

Trauma Radiology Companion, Second Edition is an easy-to-use, quick reference for trauma imaging designed for radiology residents, radiologists, and emergency physicians. The bulleted, key point format allows rapid access to succinct information for use in the clinical setting. Unlike traditional radiologic texts that emphasize image interpretation and follow a radiographic pattern, disease-oriented, anatomic site, or modality-specific approach, this handbook provides easy-to-look-up answers to common and uncommon questions that arise in day-to-day work, as well as in training and studying. The text is written in bulleted style to emphasize key points related to the common diagnoses encountered in the trauma setting. This new edition presents up-to-date clinical and radiologic information and images, represents all imaging modalities now in use, and includes current MDCT protocols. New chapters include the use of CT Angiography for diagnosis of Traumatic Aortic Injury, Focused Assessment with Sonography in Trauma (FAST) and evaluating the pregnant trauma patient. This manual is ideal for radiologists, radiology residents and fellows, emergency medicine physicians, trauma surgeons, and other emergency department care providers (nurses, physician assistants, nurse practitioners, etc.) who need a quick, but thorough overview of imaging the trauma patient!