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Neuroradiology Requisites Pdf Download Pdf (2023)

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Gastrointestinal Imaging Robert D. Halpert 2008 Gastrointestinal Imaging: Case Review, by Vincent Low, MD, FRANZCR, tests your ability to interpret a wide range of images seen in practice. The completely revised edition of this medical reference book in the popular Case Review Series features 200 cases organized by difficulty, making it ideal for quick reference and easy board review! Study effectively with content that mimics the new format of board exams as well as the everyday clinical experience - offering highly effective preparation for certification, recertification, and practice. 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. Stay current with the most recent findings and advancements in gastrointestinal radiology. Review 200 cases organized by level of difficulty, with multiple-choice questions, answers, and rationales that mimic the new format of certification and recertification exams. Effectively employ differential diagnosis procedures to distinguish among diseases and disorders with similar sonographic presentations. Alleviate exam anxiety and sharpen your clinical skills with visual guidance from entirely new high-quality, state-of-the-art images presenting a wide range of clinical situations. Challenge your knowledge of a full range of topics in gastrointestinal imaging with - 200 cases that mimic the new board format

Neuroradiology 1970

Nuclear Medicine in Clinical Diagnosis and Treatment Peter Josef Ell 2004 An internationally recognized team of editors and contributors present an authoritative, state-of-the-art reference on nuclear medicine and its clinical applications. They focus on helping the reader to solve the challenges encountered in day-to-day practice, including image interpretation, image optimization techniques, and pitfalls in image acquisition and interpretation. Over 4,400 illustrations, 803 in full color, comprise a comprehensive visual guide to interpretation. This new edition also incorporates three brand-new, full-color atlases-PET and PET/CT, SPECT and SPECT/CT, and a PET brain atlas-as well as many new full-color images (more than 800 in all) Completely revised and thoroughly updated throughout, the 3rd Edition encompasses of all of the latest advances in the diagnostic and therapeutic modalities available for cancer, heart disease, neurologic disorders, and trauma as well as other diseases, both common and rare.

Vascular and Interventional Radiology: The Requisites John A. Kaufman 2013-08-19 Get the essential tools you need to make an accurate diagnosis with Vascular and Interventional Radiology: The Requisites! This bestselling volume delivers the conceptual, factual, and interpretive information you need for effective clinical practice in vascular and interventional radiology, as well certification and recertification review. Master core knowledge the easy and affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables all completely rewritten to bring you up to date with today's state of the art in vascular and interventional radiology. "... a volume that should retain its utility for several years to come, both as a primer for radiology trainees and fellows at the start of their IR training and as a reference for more experienced interventionalists." Reviewed by Dr Simon Padley and Dr Narayanan Thulasidasan on behalf of RAD Magazine, April 2015 Understand the basics with a comprehensive yet manageable review of the principles and practice of vascular and interventional radiology. Whether you're a resident preparing for exams or a practitioner needing a quick-consult source of information, Vascular and Interventional Radiology is your guide to the field. Master the latest techniques for liver-directed cancer interventions; arterial and venous interventions including stroke therapy; thoracic duct embolization; peripheral arterial interventions; venous interventions for thrombosis and reflux; percutaneous ablation procedures; and much more. Prepare for the written board exam and for clinical practice with critical information on interventional techniques and procedures. Clearly visualize the findings you're likely to see in practice and on exams with vibrant full-color images and new vascular chapter images. Access the complete, fully searchable text and downloadable images online with Expert Consult.

Ultrasound: The Requisites E-Book Barbara S. Hertzberg 2015-06-25 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, Ultrasound covers everything from basic 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. Covers the spectrum of ultrasound use for general, vascular, obstetric, and gynecologic imaging. Fully illustrated design includes numerous side-by-side correlative images. Written at a level ideal for residents seeking an understanding of the basics, or for practitioners

interested in lifelong learning and maintenance of competence. Extensive boxes and tables highlight differential diagnoses and summarize findings. "Key Features" boxes offer a review of key information at the end of each chapter. Explore extensively updated and expanded content on important topics such as practical physics and image optimization, the thyroid, salivary glands, bowel, musculoskeletal system, cervical nodal disease, ectopic pregnancy, early pregnancy failure, management of asymptomatic adnexal cysts, practice guidelines - and a new chapter on fetal chromosome abnormalities. Visualize the complete spectrum of diseases with many new and expanded figures of anatomy and pathology, additional correlative imaging, and new schematics demonstrating important concepts and findings.

A Brief Guide to the Neuroradiology Fellowship Long H Tu 2021-06-27 Few graduating residents are ready for the demands of subspecialty neuroradiology. This is in part because there remain gaps in the educational literature prior to fellowship. Subspecialty practice requires familiarity with exams and procedures that residents rarely encounter. Neuroimaging is frequently both high complexity and high acuity. The beginning of fellowship can therefore present the steepest and highest stakes learning curve encountered during the whole of radiology training. The goal of this text is to provide a primer for this challenging year. Search patterns, procedure checklists, recommended resources, and tips for efficiency are presented in as accessible a manner as possible. This book is everything I wish I had known and everything I would pass on to each new trainee. I'm sure it'll be a useful tool on your path to becoming an excellent neuroradiologist and physician.

Neuroradiology: The Requisites E-Book Rohini Nadgir 2016-05-15 Now in its 4th Edition, this bestselling volume in the popular Requisites series, by Drs. Rohini Nadgir and David M. Yousem, thoroughly covers the extensive field of neuroradiology in an efficient and practical manner. Ideal for both clinical practice and ABR exam study, it presents everything you need to know about diagnostic imaging of the most commonly encountered neurological conditions. The authors address the conceptual, technical, and interpretive core knowledge needed for imaging the brain, spine, and head and neck, and discuss all the latest imaging modalities used, including diffusion weighted imaging, perfusion imaging, MR and CT angiography, and MR spectroscopy. Features 1,200 high-quality images throughout. Makes it easy to locate any topic of interest thanks to a logical organization by diseases and locations. Summarizes differential diagnoses in quick reference tables to reinforce important characteristics of diseases and aid in interpretation. Focuses on essentials to pass the boards and the Certificate of Added Qualification exam. Contains 50% new, updated, or improved illustrations. Covers new techniques such as diffusion tensor imaging tractography to identify white matter tracts. Offers new understandings of demyelination diseases such as neuromyelitis optica (NMO), reversible cerebral vasoconstriction syndrome (RCVS), immune reconstitution inflammatory syndrome (IRIS), and IgG4 related inflammatory disease. Provides updated World Health Organization classification of brain tumors and the recent American Joint Commission on Cancer TNM staging of head and neck cancers.

Neuroradiology Val M. Runge 2020-09-04 An image-rich neuroradiology reference and board prep from renowned experts Neuroradiology: The Essentials with MR and CT, Second Edition, written by world-renowned neuroradiologist and MRI pioneer Val Runge, builds on the acclaimed prior edition. The splendidly illustrated compendium features in-depth discussion of important imaging findings, focused primarily on common disease processes. An impressive cadre of international experts contribute to the text, which is written from a clinical radiology perspective and draws from firsthand experiences. MRI physics pearls and tips throughout the book will help radiologists avoid common pitfalls. Designed as a practical educational resource for clinical neuroradiology, the text is divided into three sections: the brain, head and neck, and spine. The brain and spine chapters are divided into subsections covering normal anatomy and major disease categories such as congenital, traumatic, degenerative, vascular, infectious, and neoplastic. Head and neck chapters are organized by major anatomic region. Clinical cases encompass the use of advanced imaging techniques such as perfusion, high-resolution imaging, and spectroscopy. Key Features About 1,300 high-quality MR and CT images illustrate relevant findings and cases, including those often not well-described in more traditional academic textbooks New figures, updates on ultra-high-field 7T MRI, and additional in-depth text on cerebrovascular disease - especially brain aneurysms and AVMs Covers a wide array of diseases - from stroke and multiple sclerosis to cases one might see once a year, such as glutaric acidemia type 1 and CADASIL This excellent clinical resource provides a robust study prep for the boards and is a must-read for radiology residents prior to neuroradiology rotation. A quick reference for diagnosing challenging cases encountered in daily practice, it will also benefit neuroradiology fellows and

general radiologists.

Diagnostic Radiology: Neuroradiology including Head and Neck Imaging Niranjn Khandelwal 2018-11-30 This new edition provides practising and trainee radiologists with the latest advances in neuroradiology. Divided into seven sections the book covers imaging techniques and advances, interventional neuroradiology, infections/demyelinating disorders/epilepsy, brain neoplasms, head and neck imaging, trauma and spine imaging, and allied neurosciences. The fourth edition has been fully revised and updated, and a number of new topics added. The comprehensive text of nearly 1000 pages, features more than 1500 radiological images and figures. Other titles in the Diagnostic Radiology series include Paediatric Imaging, Genitourinary Imaging, Gastrointestinal and Hepatobiliary Imaging, Chest and Cardiovascular Imaging, and Musculoskeletal and Breast Imaging. Key points Comprehensive guide to latest advances in neuroradiology Fully revised fourth edition with many new topics added Includes more than 1500 radiological images and figures across nearly 1000 pages Previous edition (9789380704258) published in 2010

Brain Imaging: Case Review Series E-Book Laurie A. Loevner 2008-12-23 This volume in the best-selling "Case Review" series uses hundreds of case studies to challenge your knowledge of a full range of topics in brain imaging. With 170 brand new cases, new coverage of MRA, CTA, MR spectroscopy and multi-detectors and over 600 brilliant images, this is your ideal concise, economical, and user-friendly tool for self assessment in this specialty! Utilizes case studies organized into "Opening Round," "Fair Game," and "Challenge" sections, so you can test yourself at varying difficulty levels. Provides at-a-glance review/self-testing of brain imaging cases ideal for preparing for the boards in brain imaging, the CAQ exam for neuroradiology or for the general radiologist ready for re-certification. Mimics the official exam formats and daily practice environment by giving you cases/images as unknowns with three to four questions; then, on the flip side of the page, diagnosis, answers to the questions, additional commentary, and references to the corresponding volume in Elsevier's popular Requisites Series. Includes 600 state of the art images to effectively compliment and support the text and provide a clear picture of what you can expect, both in test-taking and in practice. Uses randomly organized cases so you can test yourself without the aid of logical organization by anatomy or disease type. Includes 170 new cases and over 50 new diagnoses so you can keep pace with the latest developments. Includes a greater emphasis on differential diagnosis. Adds coverage of MRA, CTA, MR spectroscopy and multi-detectors to keep you completely current. Provides all new images for existing entities. Adds cutting-edge coverage of neuro-imaging including spectroscopy, CTA, MRA, Functional imaging, tractography, perfusion and diffusion.

Breast Imaging: The Requisites E-Book Debra Ikeda 2016-09-20 Now in its 3rd Edition, this bestselling volume in the popular Requisites series, by Drs. Debra M. Ikeda and Kanae K. Miyake, thoroughly covers the fast-changing field of breast imaging. Ideal for residency, clinical practice and certification and MOC exam study, it presents everything you need to know about diagnostic imaging of the breast, including new BI-RADS standards, new digital breast tomosynthesis (DBT) content, ultrasound, and much more. Compact and authoritative, it provides up-to-date, expert guidance in reading and interpreting mammographic, ultrasound, DBT, and MRI images for efficient and accurate detection of breast disease. Features over 1,300 high-quality images throughout. Summarizes key information with numerous outlines, tables, "pearls," and boxed material for easy reference. Focuses on essentials to pass the boards and the MOC exam and ensure accurate diagnoses in clinical practice. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. All-new Breast Imaging-Reporting and Data System (BI-RADS) recommendations for management and terminology for mammography, elastography in ultrasound, and MRI. Step-by-step guidance on how to read new 3D tomosynthesis imaging studies with example cases, including limitations, and pitfalls. More evidence on the management of high risk breast lesions. Correlations of ultrasound, mammography, and MRI with tomosynthesis imaging. Detailed basis of contrast-enhanced MRI studies. Recent nuclear medicine techniques such as FDG PET/CT, NaF PET.

Nuclear Medicine James H. Thrall 2001 "This extensive update is for radiology and nuclear medicine residents, fellows, and practicing radiologists."--BOOK JACKET.

Cardiac Imaging: The Requisites Lawrence Boxt 2015-10-14 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. 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. Access the fully searchable text and downloadable images online at expert consult.

IR Playbook Nicole A. Keefe 2018-06-06 This textbook offers a comprehensive guide to interventional radiology (IR) for medical students, residents, nurse practitioners, physician assistants, and fellows. IR is constantly evolving to meet the growing demands of patient care by applying cutting-edge technology to minimally invasive image-guided procedures. A dynamic specialty, interventional radiology has gained significant traction and interest in recent years, with combined IR/DR residencies rising to meet the increasing demand. This book addresses this growing need for a reference in IR, allowing students to gain a solid foundation to prepare them for their careers. The book is divided into two main sections, with many images and key point boxes throughout that offer high-yield pearls along with the specific How To's necessary for practice. The first section is designed to give readers an introduction to IR, including radiation safety, commonly used devices, patient care, and anatomy. The second portion divides into sections covering major body areas, diseases, conditions, and interventions. These chapters cover procedures including pathophysiology, indications for treatment, as well as alternative treatments before delving into interventional therapy. IR Playbook gives medical students, residents, and trainees a full perspective of interventional radiology.

Neuroradiology Cases Clifford J. Eskey 2012-03-20 Designed for both in-depth study as well as quick reference, Neuroradiology Cases covers the field of brain imaging through 192 concise and clinically relevant cases. Part of the Cases in Radiology series, this book follows the easy-to-learn case format of question and answer, complete with concise summaries and a generous amount of top-quality images. Following the format of the American Board of Radiology examinations, cases are grouped into three sections: Brain, Spine, and Ear, Nose, and Throat. Within each section, cases are randomly ordered and include challenging examples of common diseases as well as typical examples of less common ones. This collection of cases is ideal for the resident preparing for the boards, the fellow for the CAQ exam, or the radiologist in need of a quick review.

Radiology Noninterpretive Skills: The Requisites eBook Hani H Abujudeh 2017-05-07 Part of the highly respected Requisites series, Radiology Noninterpretive Skills, by Drs. Hani H. Abujudeh and Michael A. Bruno, is a single-volume source of timely information on all of the non-imaging aspects of radiology such as quality and safety, ethics and professionalism, and error management in radiology. Residents and radiologists preparing for the boards and recertification will find this book invaluable, as well as those practitioners wanting to broaden their knowledge and skills in this increasingly important area. Offers a readable and concise introduction to the essential noninterpretive skills as defined by the IOM, ACR, and other national organizations. Covers what you need to know about quality and safety; leadership and management; health economics; legal, business, ethics and professionalism; statistical tools; error reporting and prevention; evidence-based imaging; health IT and internet applications; "Image Wisely" and "Imaging 3.0" ACR initiatives; legal issues and malpractice; current and future payment models in radiology; and much more. Summarizes key information with numerous outlines, tables, "pearls," and boxed material for easy reference. Provides comprehensive coverage of key "milestones" in training identified by the Accreditation Council for Graduate Medical Education (ACGME). Fills an important gap for those preparing for the current MOC and ABR exams, covering the many topics touched upon in a major section of the examinations. Brings together in one source the experience of leading national experts and a select team of expert contributors.

Diagnostic Imaging Anne G. Osborn 2015-10-20 More than 300 diagnoses that are delineated, referenced, and lavishly illustrated highlight the third edition of this bestselling reference. World-renowned authority Dr. Anne G. Osborn and her expert author team of Drs. Karen L. Salzman and Miral D. Jhaveri provide carefully updated information in a concise, bulleted format, keeping you current with new disease entities

and syndromes, MR imaging techniques and applications, and pathology relevant to brain imaging. Succinct text, outstanding illustrations, and up-to-date content make this title a must-have reference for neuroradiologists, general radiologists, neurologists, and neurosurgeons. Concise, bulleted text provides efficient information on more than 300 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. Expert guidance on CLIPPERS, second-impact syndrome in trauma, perfusion MR for tumor characterization, susceptibility-weighted imaging in stroke and brain bleeds, and molecular markers in brain tumor classification and grading. Updated coverage of brain trauma addresses newly recognized entities, techniques and imaging for rapid stroke triage, and functional imaging and dementia diagnosis.

Nuclear Medicine and Molecular Imaging: The Requisites E-Book Janis P. O'Malley 2020-05-20 Now in its 5th Edition, this outstanding volume in the popular Requisites series thoroughly covers the fast-changing field of nuclear medicine and molecular imaging. Ideal for residency, clinical rotations, and board review, this compact and authoritative volume by Drs. Janis O'Malley and Harvey Ziessman covers the conceptual, factual, and interpretive information you need to know for success on exams and in clinical practice. NEW to this edition: More content on molecular imaging and the latest advances in clinical applications, including positron emission tomography (PET), SPECT/CT, PET/CT, and PET/MRI hybrid imaging. Inclusion of newly approved tracers such as Ga68 DOTA, F-18 amyloid, and F-18 PSMA. Expanded and integrated content on physics and non-interpretive aspects, including regulatory issues, radiation safety, and quality control. Up-to-date applications of nuclear medicine in the endocrine, skeletal, hepatobiliary, genitourinary, pulmonary, gastrointestinal, central nervous, and cardiac systems, as well as PET applications for oncology. In the outstanding Requisites tradition, the 5th Edition also: Summarizes key information with numerous outlines, tables, pearls, pitfalls, and frequently asked questions. Focuses on essentials to pass the certifying board exam and ensure accurate diagnoses in clinical practice. Helps you clearly visualize the findings you're likely to see in practice and on exams with nearly 200 full-color images. **Radcases Emergency Radiology** Eugene Yu 2015-03-19 Emergency Radiology presents the challenging cases that are most likely to be encountered by physicians and radiologists in the emergency room. It helps ER physicians correctly interpret images and thus quickly make initial diagnoses on both common and less common disorders. This book can also be used as an effective review guide for those studying for the radiology board exams. Key Features: Examples of critical cases that must be accurately diagnosed to avert potential disaster in daily practice and on exams Clearly labeled, high-quality images help you absorb key findings at-a-glance A scratch-off code in each book that provides a year of free access to a searchable online database of 250 must-know cases, the 100 cases in the book, plus an additional 150 cases available only online

Musculoskeletal Imaging: The Requisites E-Book B. J. Manaster 2013-02-05 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. Master core knowledge the easy and 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 easy reading and reference.

Neuroradiology in Clinical Practice Abdul Qayyum Rana 2013-08-13 This quick reference guide for medical students and residents presents over sixty clinical case studies of major neurological conditions and their associated neuroimaging characteristics. A primer on the fundamental physics which underlie neuroimaging techniques is also provided. The content is organized by pathology type and the structure of every topic is similar to help the reader develop his or her thinking process in a stepwise fashion and to provide a rational approach to imaging interpretation. Neuroradiology in Clinical Practice is aimed at medical students and residents doing their rotations in neurology, internal medicine, emergency medicine, and family medicine, but will also be useful for allied health professionals, nurse practitioners, physician assistants and other primary medical care providers.

Pediatric Imaging: Case Review E-Book Aylin Tekes-Brady 2017-07-04 Pediatric Imaging: Case Review is a quick review of common or rare but classic pediatric cases that tests your knowledge of pediatric imaging. Featuring updated pediatric body and pediatric neuro-imaging cases from fetus to young adolescents, this case review book includes over 300 images and 600 all-new multiple-choice questions, providing residents and radiologists with a current review of key pediatric imaging information. Images and descriptions address most common/classic, as well as several rare but critical entities of pediatric radiology in a single source. Distinguish between common and rare diagnoses with case studies organized into "Opening Round," "Fair Game," and "Challenge" sections that present varying levels of difficulty and occurrences. Features completely updated cases throughout -- including new cases on congenital heart disease -- and over 300 new images. Expanded cases include advanced and state-of-the art imaging modalities (i.e.fetal MRI and CTA/MRA of the heart). Provides expanded coverage of radiation dose reduction, in addition to new patient management, physics, quality and safety, and non-interpretive skills content. 600 all-new multiple-choice questions are designed to mimic the format of core board and certification exams. Incorporates up-to-date disease classification systems (e.g. ISSVA 2014 of vascular anomalies).

Ultrasound: The Requisites Barbara S. Hertzberg 2015-07-17 This bestselling volume in The RequisitesT 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, Ultrasound covers everything from basic 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. Covers the spectrum of ultrasound use for general, vascular, obstetric, and gynecologic imaging. Fully illustrated design includes numerous side-by-side correlative images. Written at a level ideal for residents seeking an understanding of the basics, or for practitioners interested in lifelong learning and maintenance of competence. Extensive boxes and tables highlight differential diagnoses and summarize findings. "Key Features" boxes offer a review of key information at the end of each chapter.

Explore extensively updated and expanded content on important topics such as practical physics and image optimization, the thyroid, salivary glands, bowel, musculoskeletal system, cervical nodal disease, ectopic pregnancy, early pregnancy failure, management of asymptomatic adnexal cysts, practice guidelines - and a new chapter on fetal chromosome abnormalities. Visualize the complete spectrum of diseases with many new and expanded figures of anatomy and pathology, additional correlative imaging, and new schematics demonstrating important concepts and findings. Further enhance your understanding with visual guidance from the accompanying electronic version, which features over 600 additional figures and more than 350 real-time ultrasound videos. Expert Consult eBook version included with purchase. The enhanced eBook experience allows you to view the additional images and video segments and access all of the text, figures, and suggested readings on a variety of devices.

Gastrointestinal Imaging: The Requisites E-Book Giles W Boland 2013-10-21 Get the essential tools you need to make an accurate diagnosis with Gastrointestinal Imaging, 4th Edition! Edited by Giles W. Boland, MD, this popular volume in The Requisites Series delivers the conceptual, factual, and interpretive information you need for effective clinical practice in gastrointestinal imaging. Master core knowledge the easy and affordable way with clear, concise text; new, high-quality images, and coverage of the latest modalities. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Efficiently and affordably prepare for the written board exam and for clinical practice with focused, high-yield, richly illustrated coverage of the most essential concepts in gastrointestinal imaging. Make optimal use of the latest gastrointestinal imaging techniques with a significant new emphasis on CT and MR, including multi-slice CT, MR enterography, Diffusion-weighted MRI, hepatobiliary contrast agents for liver lesion detection and characterization, plus many other essential updates. See how gastrointestinal conditions present with a wealth of new multi-modal, high-quality digital images that mirror the findings you're likely to encounter in practice and on exams. Access the complete, fully searchable text and downloadable images online at www.expertconsult.com.

Thoracic Imaging The Requisites E-Book Jo-Anne O Shepard 2018-01-24 Now in its 3rd Edition, this outstanding volume by Dr. Jo-Anne O. Shepard in the popular Requisites series thoroughly covers the fast-changing field of chest imaging. Ideal for residency, clinical practice, and board certification, it covers the full range of basic and advanced modalities used in thoracic imaging including digital radiography, chest fluoroscopy, CT, PET, and MRI. Compact and authoritative, Thoracic Imaging: The Requisites provides the up-to-date conceptual, factual, and interpretive information you need for success on exams and in clinical practice.

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.

Neuroradiology Rohini Nadgir 2016 Preceded by: *Neuroradiology* / David M. Yousem, Robert I. Grossman. 3rd ed. c2010.

Diagnostic Imaging A. James Barkovich 2007

Vascular and Interventional Radiology: The Requisites E-Book John A. Kaufman 2013-06-22 Get the essential tools you need to make an accurate diagnosis with *Vascular and Interventional Radiology: The Requisites!* This bestselling volume delivers the conceptual, factual, and interpretive information you need for effective clinical practice in vascular and interventional radiology, as well certification and recertification review. Master core knowledge the easy and affordable way with clear, concise text enhanced by at-a-glance illustrations, boxes, and tables - all completely rewritten to bring you up to date with today's state of the art in vascular and interventional radiology. Understand the basics with a comprehensive yet manageable review of the principles and practice of vascular and interventional radiology. Whether you're a resident preparing for exams or a practitioner needing a quick-consult source of information, *Vascular and Interventional Radiology* is your guide to the field.

Basic Radiology, Second Edition Michael Chen 2010-08-27 A well-illustrated, systems-based primer on learning radiologic imaging *Basic Radiology* is the easiest and most effective way for medical students, residents, and clinicians not specializing in radiologic imaging to learn the essentials of diagnostic test selection, application, and interpretation. This trusted guide is unmatched in its ability to teach you how to select and request the most appropriate imaging modality for a patient's presenting symptoms and familiarize yourself with the most common diseases that current radiologic imaging can best evaluate. Features: More than 800 high-quality images across all modalities A logical organ-system approach Consistent chapter presentation that includes: ---Recap of recent developments in the radiologic imaging of the organ system discussed ---Description of normal anatomy ---Discussion of the most appropriate imaging technique for evaluating that organ system ---Questions and imaging exercises designed to enhance your understanding of key principles Brief list of suggested readings and general references Timely chapter describing the various diagnostic imaging techniques currently available, including conventional radiography, nuclear medicine, ultrasonography, computed tomography, and magnetic resonance imaging An important chapter providing an overview of the physics of radiation and its related biological effects, ultrasound, and magnetic resonance imaging

Vascular and Interventional Radiology John A. Kaufman 2004 Provides a comprehensive, yet manageable review of the principles and practice of vascular and interventional radiology, with a wealth of practice-proven tips and expert advice to help master a full range of procedures, both basic and advanced. It covers vascular and interventional radiology procedures for the lower extremity and pelvis, the abdomen, the thorax, the great vessel, the biliary tract, the genitourinary and reproductive tract, the gastrointestinal tract and the thorax, and delivers in-dept discussions of such "hot" techniques as 3-D imaging with MRA/CTA, stent-grafts, saphenous vein ablation and others. Illustrated with over 1,300 multi-modality images.

Emergency Neuroradiology Tommaso Scarabino 2005-11-22 Encouraged by the success of the Italian editions, the Authors have decided to publish an English version taking into account the latest technical and methodological advances and the consequent new acquisitions in clinical practice. The contribution of Professor R. Jinkins has been essential to carry out both these tasks. The resulting work is an up-to-date technical tool that preserves its original aim of contributing to the training of those radiologists who work in emergency departments. We hope that this revised and extended English version will have the same success as the pre-ous Italian editions, thereby confirming the validity of our initiative. The work of all the friends and colleagues who have contributed to the making of this book is gratefully acknowledged.

Tommaso Scarabino Ugo Salvolini CONTENTS I. CEREBROVASCULAR EMERGENCIES 1. 1 Clinical and diagnostic summary Neuroradiological protocol 3 Haemorrhagic stroke 4 Ischaemic stroke 4 Conclusions 6 References 6 1. 2 CT in ischaemia Introduction 7 Semeiotics 7 Particular forms of infarction 21 Differential diagnosis 24 Conclusions 25 References 25 1. 3 CT in intraparenchymal haemorrhage Introduction 27 The role of CT 28 Causes 29 Semeiotics 34 Particular forms of IPH 46 Conclusions 47 References 47 1. 4 CT use in subarachnoid haemorrhage Introduction 49 Semeiotics 49 Causes 52 Complications 58 Postsurgical follow-up 59 Conclusions 60 References 60 1. 5 MRI in ischaemia Introduction 63 Semeiotics 64 Possible uses of clinical MR in the diagnosis of emergency ischaemia after the hyperacute phase 70 References

Neuroradiology Robert I. Grossman 2003 This book progresses from the basics of imaging techniques and anatomy to brain diseases and neurodegenerative and congenital abnormalities. It then discusses the subsites of neuroradiology, the head and neck, and degenerative and non-degenerative diseases of the spine. This compact, clinically oriented, easy-to-read format makes it useful as a study tool for boards and

the CAQ exam for the subspecialty. The book presents the basic clinical, factual, and interpretative material required for clinical practice; and offers the authors' personal perspectives and experiences on the approach and pitfalls in neuroradiology.

Atlas of Neuroradiology Ammar Haouimi 2012-02-01 SALIENT FEATURES -Comprises 200 Common and rare Cases with highly organized radiological description of the diseases. -Classifies all cases in a series of Head and Spine chapters. -Covers all new imaging modalities. -Useful for Radiologist, Residents in Radiology preparing their examination (FRCR) and also for Neurologists and Neurosurgeons. - A different style used to give the opportunity to the readers to use the book directly as an atlas or to cover the diagnosis and comment and use it as a Case-Reviews, this idea is not present in the other books.

Pediatric Imaging Robert J. Ward (MD.) 2005 Part of the popular new Case Review series, this volume focuses on Pediatric Imaging from a multimodality perspective and is perfectly customised to meet the self-testing needs of those preparing for exams or to serve as a way for general radiologists to sharpen their skills in this subspecialty area. Two hundred unknown paediatrics cases with 400 images are succinctly presented in random order with questions, answers, commentary, references, and cross-references to the relevant Requisites volume. Differential diagnoses and pertinent radiological findings will be emphasised, 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. Presents 200 cases organized into "Opening Round," "Fair Game," and "Challenge" difficulty levels-allowing readers to test their proficiency at every degree of expertise. Features more than 400 outstanding images that span the full range of modalities and imaging findings encountered in pediatric diagnostic imaging. Mimics the format of official exams as well as the everyday clinical experience-offering highly effective preparation for certification, recertification Offers answers, commentary, references, and cross-references to Dr. Blickman's *Pediatric Imaging: The Requisites, 2nd Edition* (0-8151-0993-8) to assist readers in building their knowledge.

Nuclear Medicine: The Requisites Harvey A. Ziessman, MD 2013-03-21 Get the essential tools you need to make an accurate diagnosis with *Nuclear Medicine: The Requisites!* The newest edition of his bestselling volume by Drs. Harvey Ziessman, Janis O'Malley, and James Thrall delivers the conceptual, factual, and interpretive information you need for effective clinical practice in nuclear medicine imaging, as well as for certification and recertification review. Prepare for the written board exam and for clinical practice with critical information on nuclear medicine physics, detection and instrumentation, SPECT and PET imaging, and clinical nuclear medicine imaging. Get the best results from today's most technologically advanced approaches, including hybrid imaging, PET/CT, and SPECT/CT, as well as recent developments in instrumentation, radiopharmaceuticals, and molecular imaging. Clearly visualize the findings you're likely to see in practice and on exams with nearly 200 vibrant new full-color images. Access the fully searchable text and downloadable images online at www.expertconsult.com.

Thoracic Radiology: The Requisites E-Book Theresa C. McLoud 2010-04-29 As part of the successful THE REQUISITES series, the second edition of *Thoracic Radiology: The Requisites*, by Theresa McLoud, MD and Phillip Boiselle, MD, presents the most essential information you need to know about chest radiology, including some of the more recent techniques in chest imaging such as CTA and PET imaging. Its concise and up-to-date coverage prepares you for examinations and clinical practice. Abundantly illustrated with over 800 images and covering all functional units of chest organs, this book discusses diagnostic imaging of the most frequently seen problems and the interventional techniques performed in thoracic radiology. Find what you need quickly and easily - Numerous tables, charts and boxes summarize clinical features, pathology and radiographic signs to reinforce important techniques. See imaging findings as they appear in practice covering the full array of thoracic conditions. Get all you need to know from this comprehensive yet concise source which contains the essential principles that residents and practitioners need to know. Keep up with cutting-edge topics such as the new classification of interstitial pneumonias, the impact of helical CT in diagnosing pulmonary embolism, CT angiography, computed radiography, three-dimensional imaging of the airways, and emerging infections and bioterrorism infectious agents,. Expand your understanding of PET imaging and pulmonary vascular abnormalities, as well as many other topics, with updated and enhanced chapters that feature new images throughout.

Diagnostic and Interventional Neuroradiology Klaus Sartor 2002 Neuroradiology is evolving at a pace far quicker than any other specialty. It's important for specialists to have detailed knowledge of the newest advances, including state-of-the-art imaging techniques. In this abundantly illustrated text, you'll find the latest information on diseases, imaging principles, differential diagnosis, treatment strategies, and much more! This book is designed to help you easily apply theoretical concepts to your daily practice. It offers a clear and concise review of the most important neuroradiologic approaches to a variety of disorders. Key points are highlighted throughout the text, providing rapid access to the information you need. Residents and experienced practitioners alike will benefit from the wealth of information this book provides. Key benefits: Up-to-the-minute analysis on the newest imaging techniques Detailed review of the use of MRI to measure brain maturation Extensively illustrated to enhance understanding of difficult concepts Most important information is boxed and shaded for emphasis--ideal for board preparation An indispensable aid in clinical settings, NEURORADIOLOGY is an excellent guide to image interpretation as well as a valuable reference for residents preparing for the boards.

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.

Neuroradiology Rohini Nadgir 2023-08 Focusing on high-yield information, *Neuroradiology: The Core Requisites, 5th Edition* emphasizes the basics to help you establish a foundational understanding of neuroradiology during rotations, prepare for the core and certifying exams, and refresh your knowledge of key concepts. This completely rewritten and reorganized edition emphasizes the essential knowledge you need in an easy-to-read format, with thorough updates that cover new imaging modalities, the latest guidelines, and integration of physics information throughout. Emphasizes the essentials in a templated, quick-reference format that includes numerous outlines, tables, pearls, boxed material, and bulleted content for easy reading, reference, and recall. Prioritizes and explains key information to help you efficiently and effectively prepare for board exams. Helps you build and solidify conceptual, technical, and interpretive core knowledge needed for imaging the brain, spine, and head and neck. Features hundreds of high-quality images, including diffusion weighted imaging, perfusion imaging, MR and CT angiography, and MR spectroscopy. Published as part of the newly reimagined Core Requisites series, an update to the popular Requisites series aimed at radiology trainees and today's busy clinicians. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text and figures from the book on a variety of devices.